

THE
ARCHITECT
& BUILDING NEWS

IN THIS ISSUE

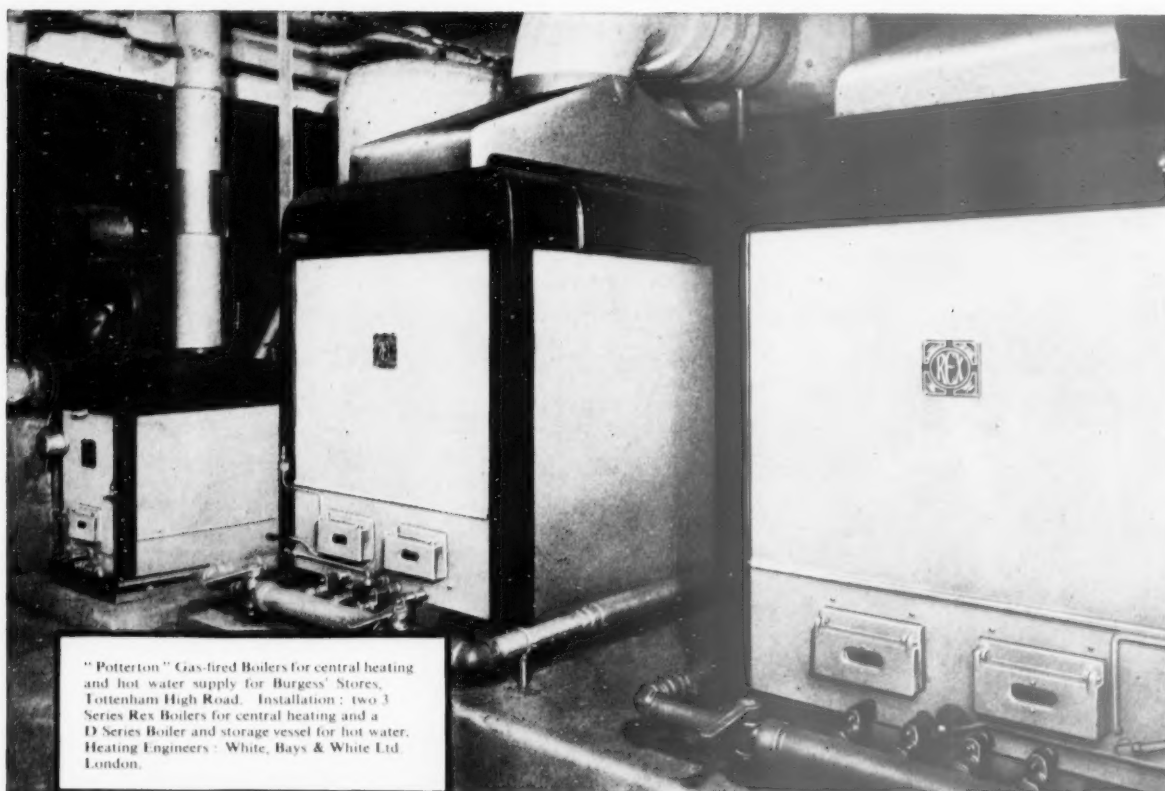
- SIDGWICK AVENUE SITE PROPOSALS, CAMBRIDGE
- NEW EXTENSION, LIVERPOOL COLLEGE OF COMMERCE
- GERMAN RECONSTRUCTION: I

OCTOBER 29, 1953

VOL. 204

NO. 18

ONE SHILLING WEEKLY



The Department Store Executive called for

consistent heat throughout the building

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The Restaurant Manager called for

reliable hot water supply

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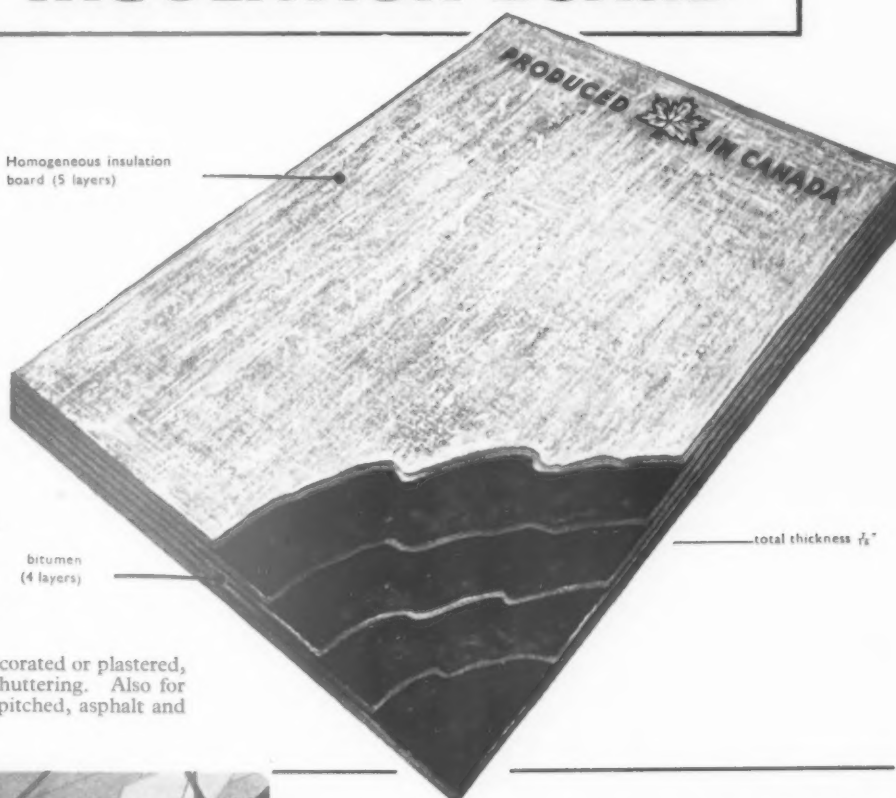
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THE FOREMOST NAME IN TIMBER

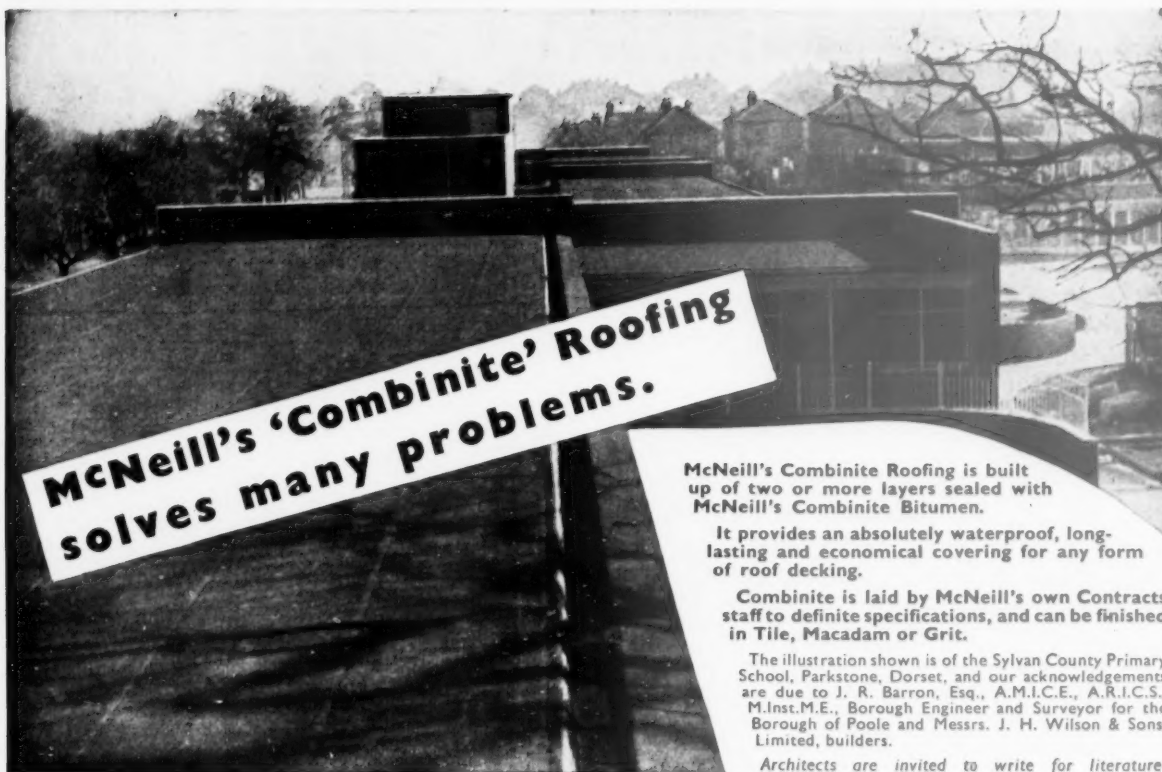
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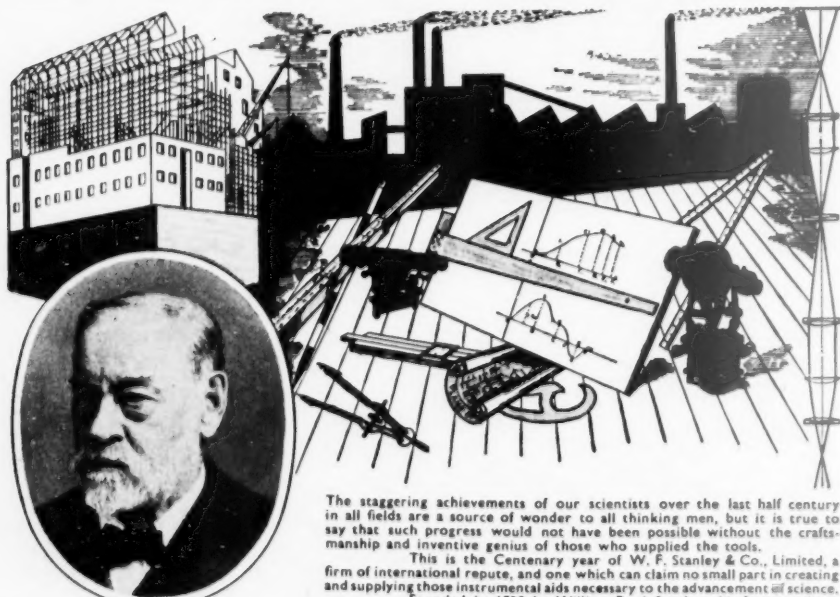
Combinite is laid by McNeill's own Contracts staff to definite specifications, and can be finished in Tile, Macadam or Grit.

The illustration shown is of the Sylvan County Primary School, Parkstone, Dorset, and our acknowledgements are due to J. R. Barron, Esq., A.M.I.C.E., A.R.I.C.S., M.Inst.M.E., Borough Engineer and Surveyor for the Borough of Poole and Messrs. J. H. Wilson & Sons, Limited, builders.

Architects are invited to write for literature.

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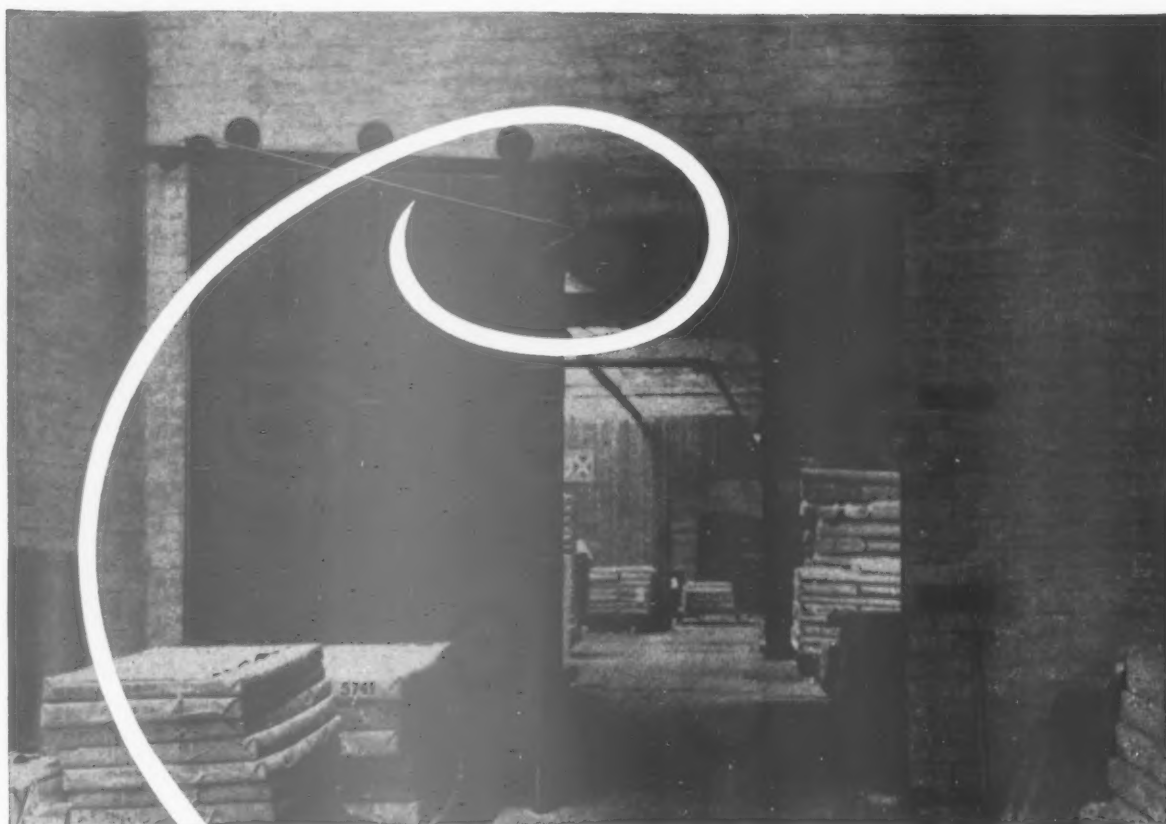
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★ The illustration shows an automatic sliding armoured fire door installed in a paper mill.



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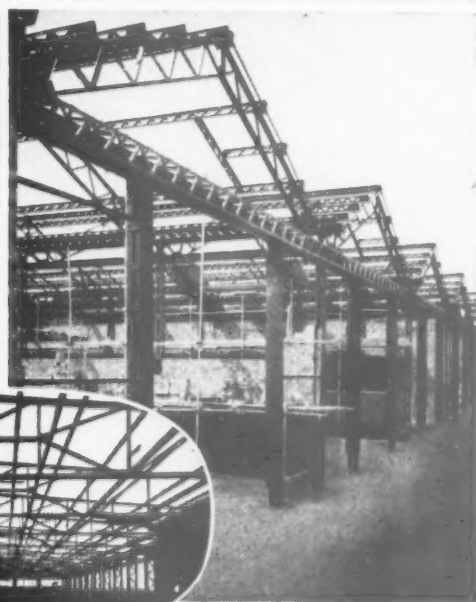
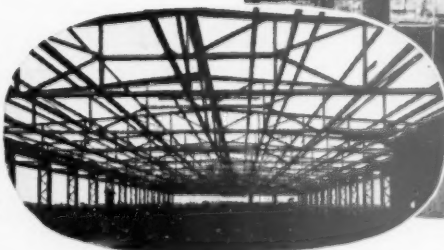
The large illustration shows standard sectional factories for the Harlow Development Corporation. The high-tensile steel used has a yield point more than twice as high as that of mild steel, and the lattice construction employed can result in cutting down the weight of steel needed by half.

Executive Architect: V. Hamnett, B.Sc., A.R.I.B.A., A.R.I.C.S.

Inset—Erecting part of the all-welded structure which we designed and supplied to the I.C.I.

Deep lattice beams and light stanchions have been used with nearly a fifty per cent. saving in steel requirements, as compared with ordinary R.S.J. construction.

Architects: Messrs. J. Douglass Mathews & Partners.



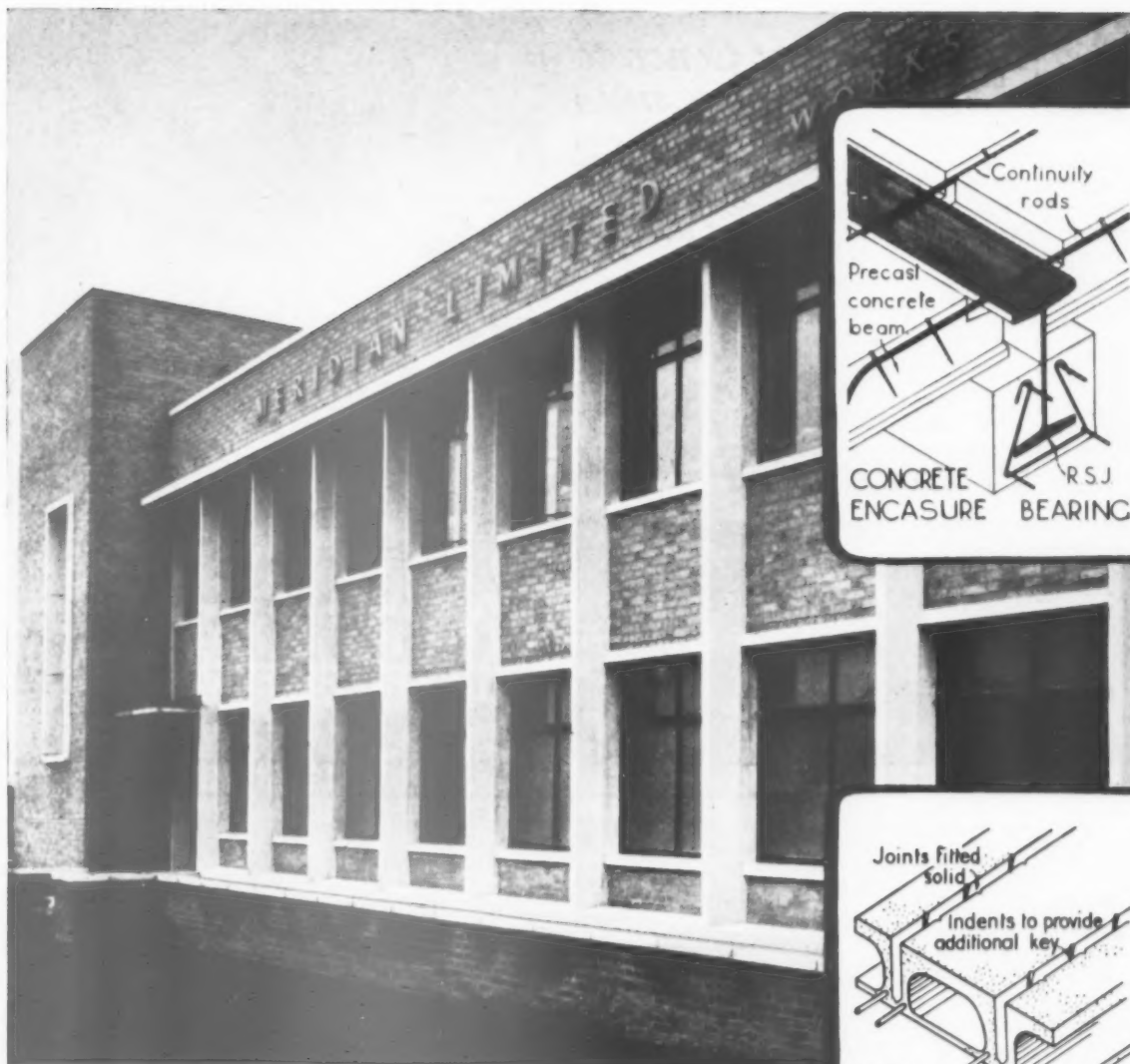
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Architects: Messrs. Bromley & Cartwright

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EAVES GUTTERS

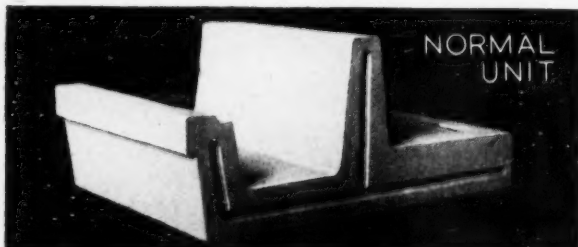
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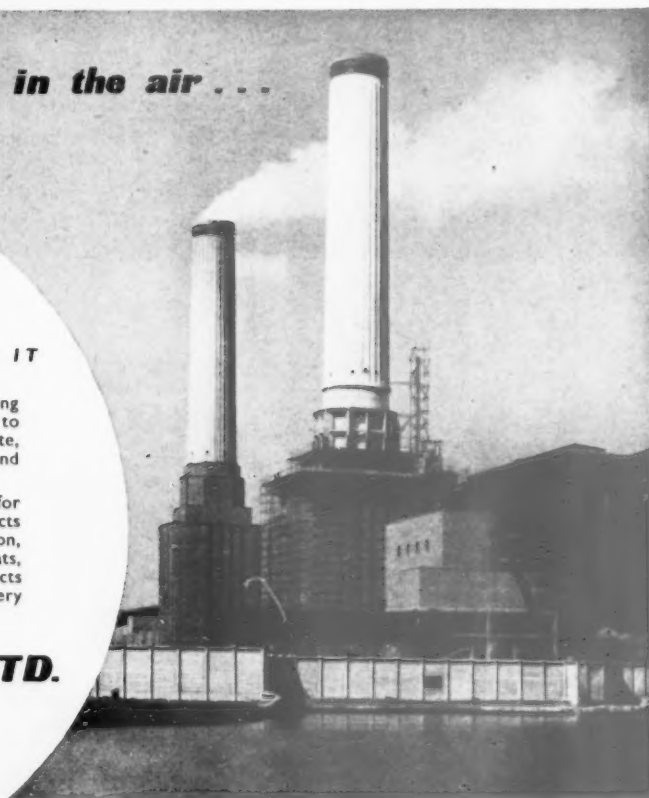
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There are TWO TYPES of RAWLBOLTS

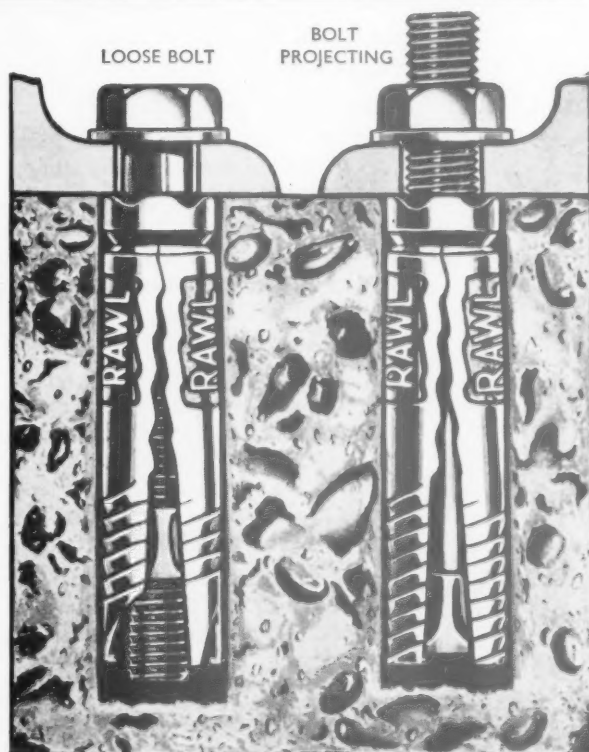
For heavy plant or equipment, which can only be levered or dragged into position, the Loose Bolt type is best. The shield is inserted into the hole and is flush with the surface; therefore, it does not hinder the movement of the plant or equipment to be fixed.

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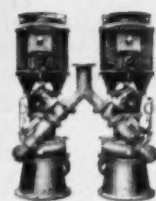
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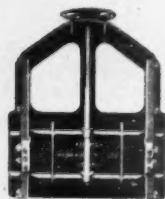
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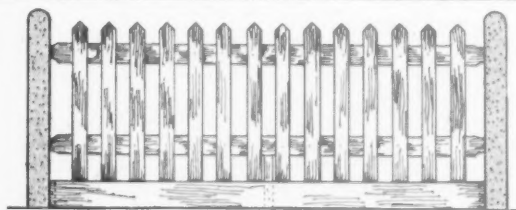
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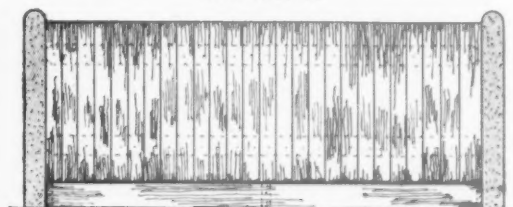
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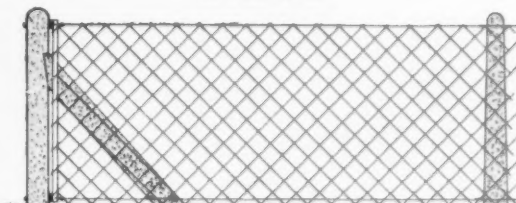
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Nov. 18th—Dec. 2nd, 1953.
Olympia, London.

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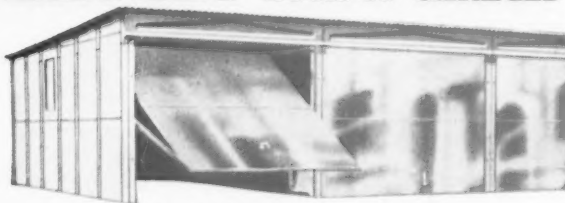
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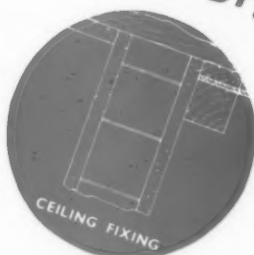
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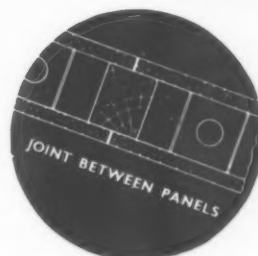
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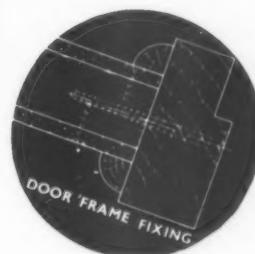
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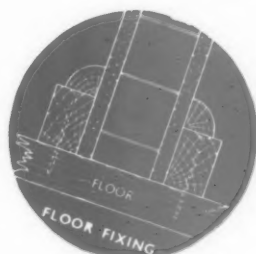
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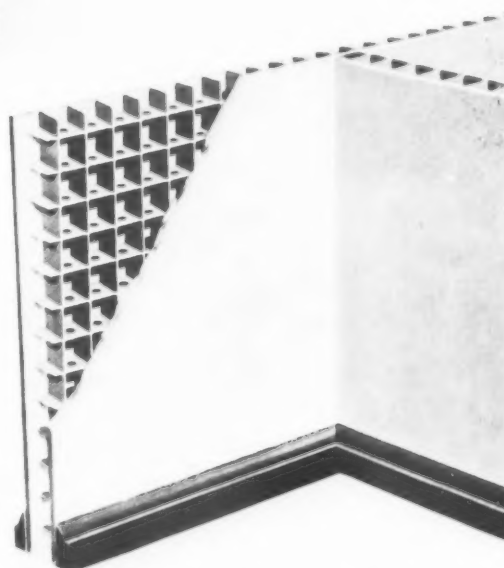
Height	Width	Thickness
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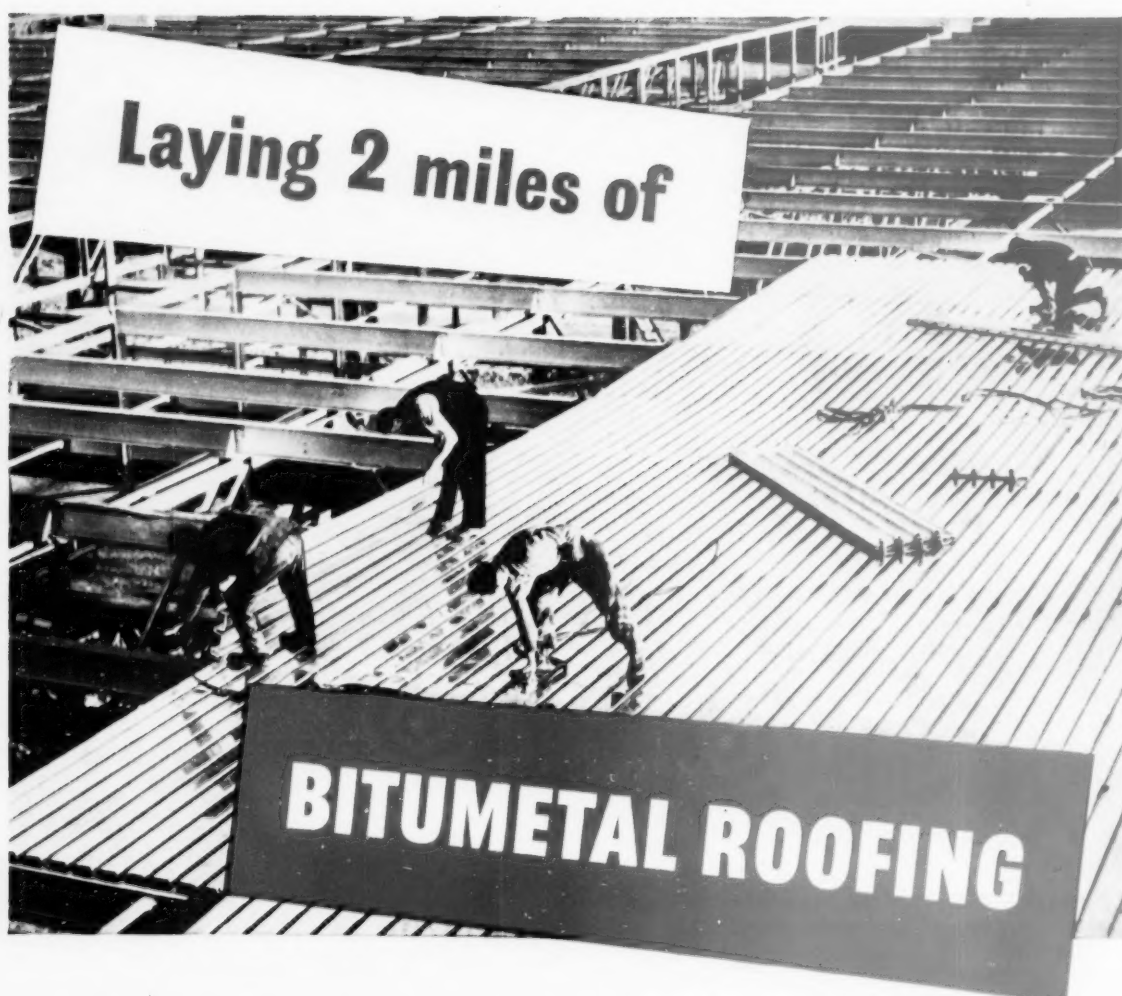
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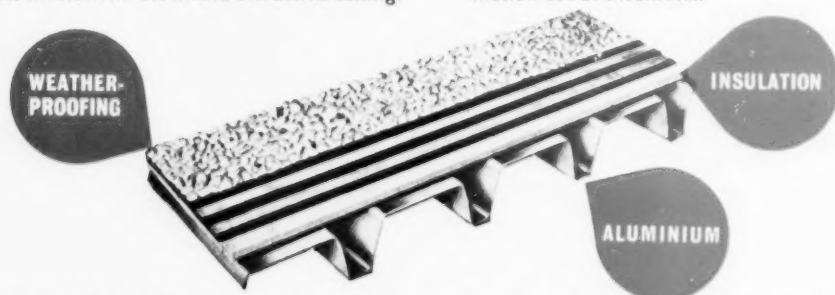


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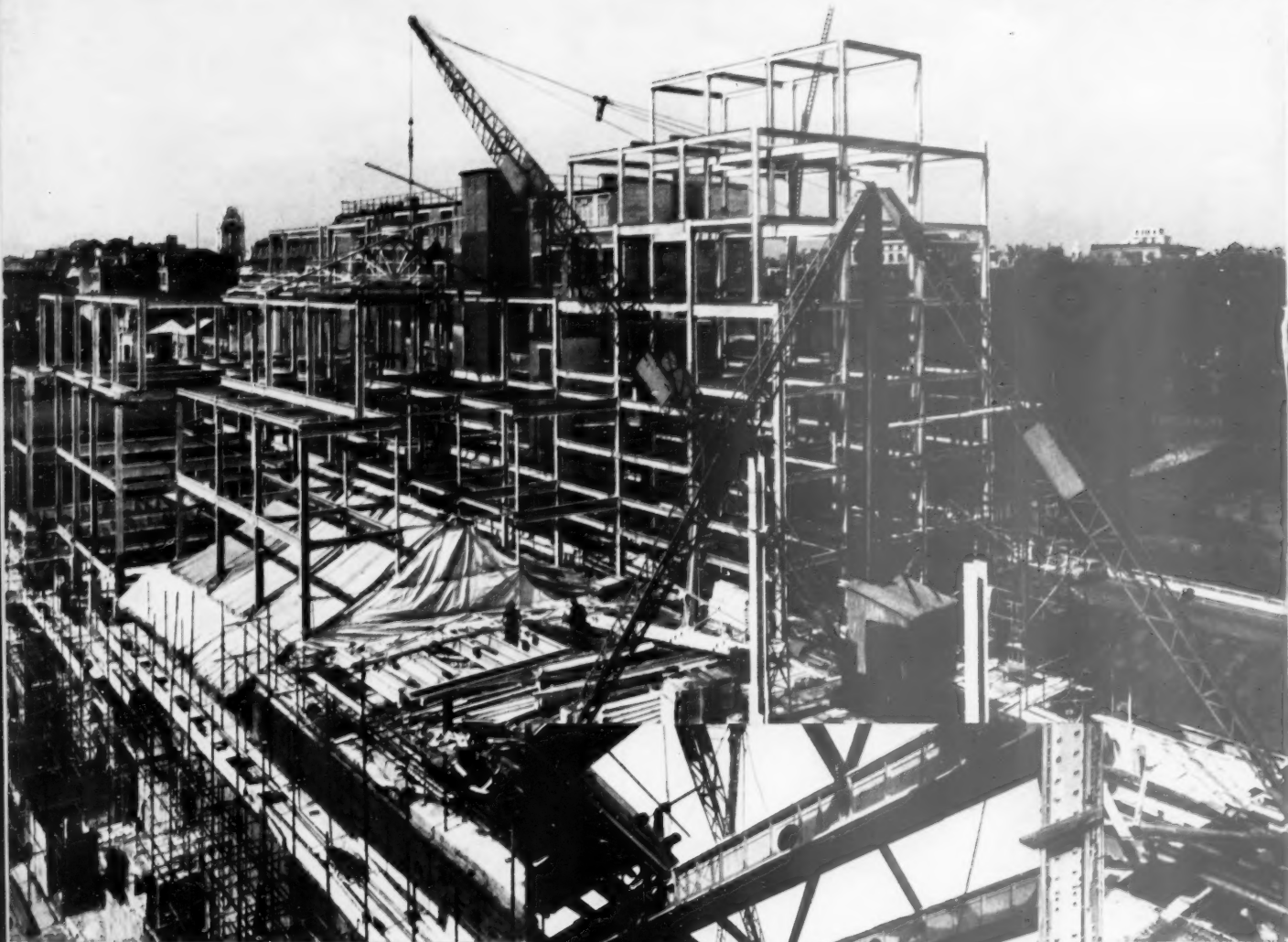


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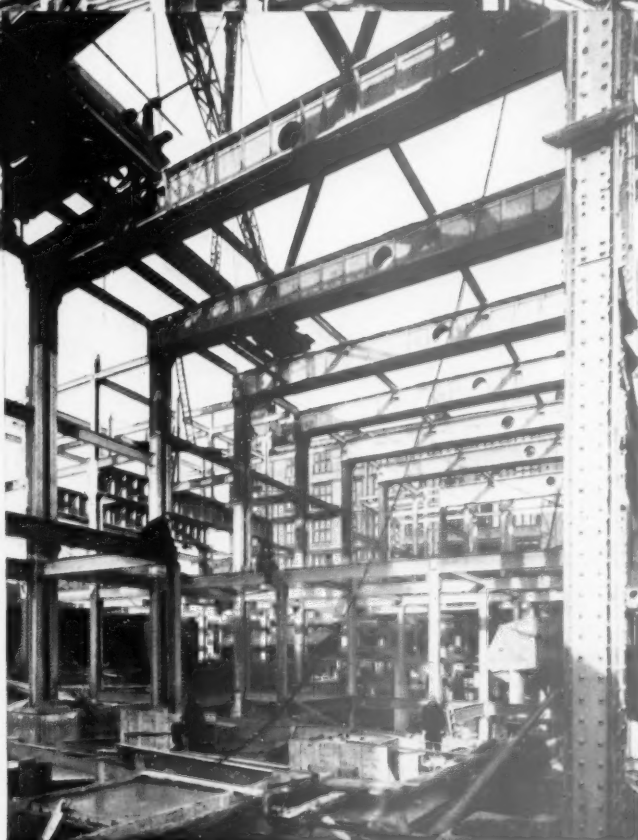
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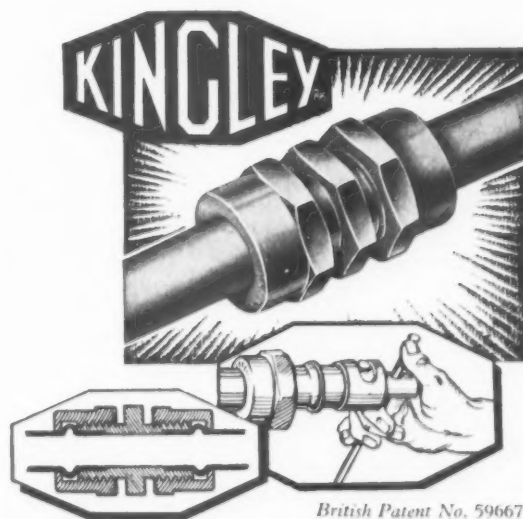
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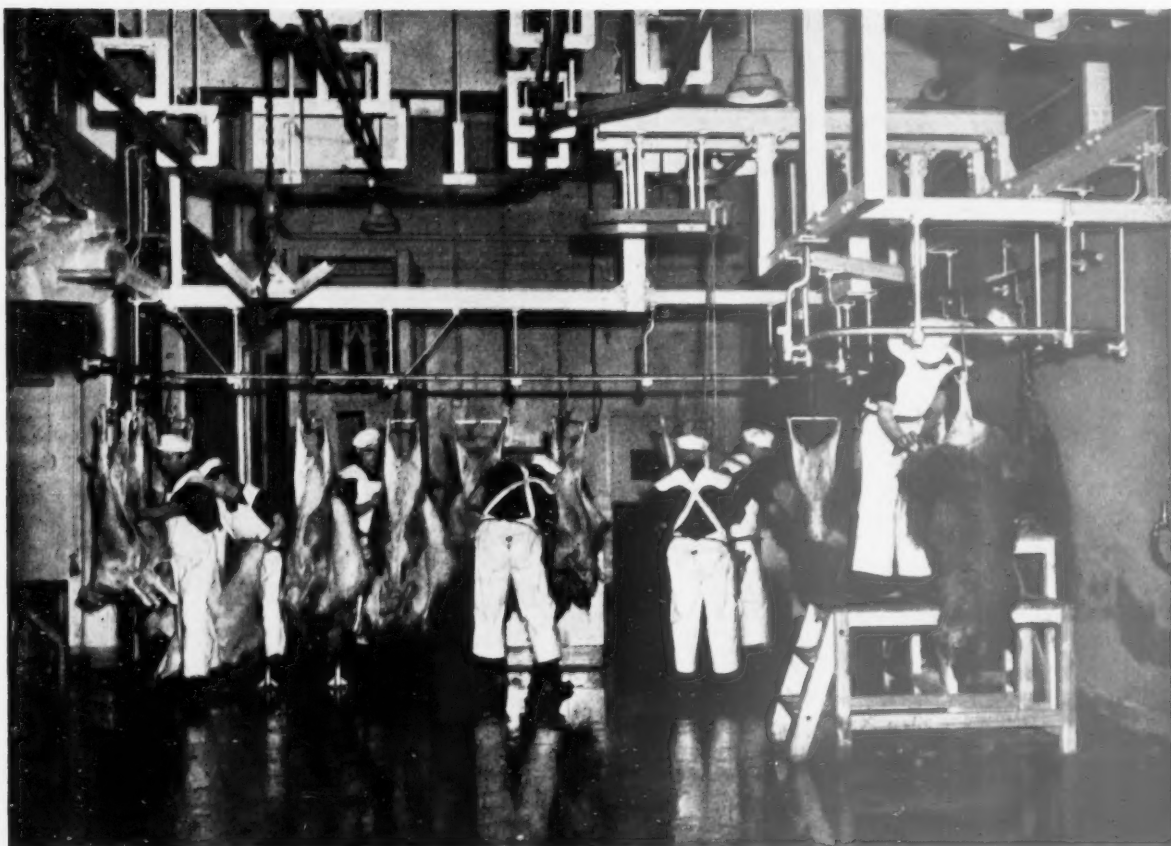
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DISTRICT HEATING

THE latest additions to Post-War Building Studies form a comprehensive Report on District Heating.* Whether the size of the Report and its detailed examination of the problem justifies the length of time elapsed since the Committee was set up—some nine years—is a matter of opinion. But so important is the subject and so intimately related to post-war expansion of the electricity system of this country, with its new £52,000,000 super-grid, that if we feel the delay has been too great and that an interim report, extending the conclusions of the 1946 Memorandum, would have been of great national importance, perhaps we may be forgiven, especially as the British Electricity Authority's decision was made not much more than a year ago.

The Report emphasizes that the case for district heating rests on fuel savings; but to obtain the greatest economies in fuel any district heating service must be linked with electric power generation and distribution, the extension of electric services and be made available for heating distribution through thermal-electric stations. A further stress is laid on the necessity for large-scale operations intensively made over whole industrial and other areas of use.

The United Kingdom has little or no experience of district heating; such schemes as exist are small or specialized. For example, the Pimlico housing scheme has been able to take advantage of particularly favourable circumstances and, in any case, is not a typical thermal-electric development. This lack of experience is in contrast to the colder continental countries of the U.S.A., Russia and Germany, where extensive schemes have been carried out

successfully, some in pre-war days. The Report states that the British climate is not too mild for district heating to be worth while and in this country hot water is regarded as more suitable than transmission by steam.

Conversion of existing electrical generating-station plant to partial thermal or thermal-electric methods is regarded as largely impractical and the Report urges early investigation through the establishment of some representative schemes covering district-heating thermal stations with and without links to electricity generation. Any such schemes should be kept under careful scrutiny for a few years to the end that doubtful points of economy and operation could be determined and a national policy for district heating be defined.

The costs of installing district heating schemes within existing urban areas will undoubtedly be high, though the overall economies of fuel, the improvement of living conditions and the suppression of smoke and fog should eventually outweigh the initial capital expenditure. The obvious immediate use for district heating is in new areas of development or in those due for complete reconstruction, for example, in new towns where both industrial and domestic users are present, or in the clearance of obsolescent districts of slums. It is here that experiments must be made and here that the Report should be welcomed, even if it is so late in publication.

One of the detail difficulties of distribution of hot-water heating to small consumers throughout a district-heated area is concerned with suitable methods of charging for the service. Provided the design of individual apparatus can be controlled and the vagaries of the weather be followed by central controls with a minimum of time-lag, the charges can be proportioned as additional charges to weekly or other rents. What, however, is really wanted, and it does not yet exist, is a cheap form of suitable metering

* *District Heating*: Report by the Heating and Ventilating (Reconstruction) Committee of the Building Research Board of the Department of Scientific and Industrial Research, P.-W. B.S., No. 31 pp. 192 (Parts I-V), 7/6d net and No. 32 pp. 243 (Part VI), 10/- net. H.M.S.O., 1953.

device which establishes charges as easily and in the same way as those of electricity and gas services.

The first volume of the Report is concerned with general examination and conclusions and much important information on some major foreign and other schemes. It includes also an excellent bibliography and a short section on the heat-pump and its relationship to thermal-electric projects. The second volume (No. 32) of the Report presents a study ("the basic scheme") of a thermal-electric district heating scheme with hot-water distribution in all its implications, with comprehensive diagrams and statistical information on the technical and costing sides of such a project.

There is no textbook conveniently dealing with this subject and the present volumes undoubtedly go a very long way to fill the gap. The first part of the first volume is written primarily for the non-technical reader and summarizes the subsequent parts. Both volumes should be in the hands of any who are concerned with district developments and neighbourhood and community planning.



The R.I.B.A. Bronze Medal; Nottingham, Derby & Lincoln Society of Architects, for the three-year period ended December 31, 1952, has been awarded in favour of the new Generating Station at Staythorpe, Notts, designed by T.Cecil Howitt and Partners (T. Cecil Howitt, F.R.I.B.A., Philip Gerrard, A.R.I.B.A., and F. E. Woolley, A.R.I.B.A.).

EVENTS AND COMMENTS

THE "NEWS CHRONICLE" HOUSES

With the title "New Elizabethan Homes" the book containing the prize-winning, commissioned, and four out of the seven commended designs in the *News Chronicle* competition has just been published at the very reasonable price of 4s 6d. The 15 houses are illustrated in plan, at least one elevation and one or more perspectives. Unfortunately, the *News Chronicle* has seen fit to supplement the architect's drawings with some very indifferent artist's impressions which in general are most unkind to the designs. The book, which is edited by Margaret Sherman, contains some useful articles by well-known people and a foreword by the P.R.I.B.A. It is a pity that the production could not have been a little better done. I give no marks at all to the Marley Tile company for the advertisement on the back cover which purports to be a view of the hall of the house by Grenfell Baines. It bears very little relation to the plan and could hardly be less flattering to Mr. Baines' design.

In spite of the short-comings of this book, the *News Chronicle* is to be congratulated on making an effort not only to help the thousands of would-be house builders but also to improve the standard of small house architecture. Let us hope that many of the people who read this book will be moved to employ an architect to design their houses and that the balance will benefit from the sound advice which it gives.

The *News Chronicle* Press release refers to "professional architects," which serves to show how low the profession stands in the popular mind. Did you ever see a reference to a "professional doctor"?

IT'S ALL A QUESTION OF COLOUR

The Hertford and District Trades Council is to protest to the urban council about the colours used on houses on a council scheme at Ware. The tenants there "have conservative tastes the same as other people," they do not want

their houses coloured orange, pink, green, and blue. It is considered to be deplorable that the council can paint houses any colour they like. The Trades Council are to press for uniformity of colour schemes. Cream and green, or dark brown, do you suppose?

Hunstanton housing committee feel much the same way as the Hertford and District Trades Council. After a visit to one of the better known new towns the chairman of their housing committee is reported as having said that his party liked the built-in dustbins and the overall sowing of grass but did not like the "clashing colour schemes," and thought, unlike the Hertford T.C., that it was much better for a council to decide which colours they wanted rather than to leave it to a "colour-blind architect." This would avoid such errors in taste and the dark blue and lemon doors they had seen. Perhaps some sort of exchange could be worked out between Ware and Hunstanton; meanwhile, my advice to the Hunstanton housing committee is to stick to dustbins.

REGRETS ABOUT LIVERPOOL

I had hoped to write a note about the Liverpool University School of Architecture this week but, unfortunately, a sudden heavy cold descended on me and I had to cancel my trip. I was particularly sorry as Liverpool is the only place I have ever been asked to visit twice.

HELICOPTERS AND THE "EVENING STANDARD"

I suppose that if you take the trouble to buy a helicopter and start flying it around it makes you very conscious that there is nowhere much to land it in central London. The *Evening Standard*, which finds it worthwhile to spend money and time in taking photographs of politicians, and others, at Margate and elsewhere from its helicopter, is angry that the L.C.C. has made no provision for a landing place for helicopters in the South Bank development plan. The L.C.C. thinks that the top of Waterloo station might be the place but quite rightly says that the idea needs

detailed investigation. I agree with the L.C.C. Helicopters are excellent things for doing tricky jobs in an emergency but they are not yet anything like fully developed enough for normal passenger services. This development will take time, and requirements for landing places may easily change. It would be absurd to give up space at ground level for landing places in central London. Roofs of normal buildings would surely be too small for commercial use but the roofs of railways stations should be ideal. The roof of Waterloo station is very large and more space still is available over the confluence of tracks outside. This site would have the added advantage of keeping the noise away from the buildings in the neighbourhood. The piston-engined helicopter is noisy enough but the jet-engined job will probably be noisier.

R.I.B.A. CHRISTMAS LECTURES FOR CHILDREN

The Hon. Lionel Brett is to give two lectures for children at the R.I.B.A. during the Christmas holidays. His subject is "Designing a Town." In the first lecture he will talk about the history of towns, with illustrations of Roman, Mediæval and Renaissance cities. The second lecture will deal with the present and future. The first lecture is on December 30 and the second on January 1. Tickets from the secretary, R.I.B.A.

MUMFORD ON LONDON ARCHITECTURE

Writing in the *New Yorker* recently, Mr. Lewis Mumford praises the appointments of his Piccadilly hotel, which he says, was built in the mid-thirties, and which, in his opinion, still leads many more modern American hotels in planning and comfort. He thinks that those Festival buildings which remain show "none of the 'finicking qualities of decadence,' but have an air of 'beef and bounce, of confidence and even brashness.'" He thinks that half the modern buildings in London worth looking at were built before 1939. He describes our modern power stations as "miracles of turgid inanity" and the new business buildings in the City as representing "British philistinism in its most crass and shortsighted

form." But he thinks that the bulk of modern English buildings, particularly schools and factories, are as good as those being produced anywhere in the world. Mr. Mumford dislikes the Pimlico scheme but thinks that Lansbury is a splendid example of urban building and praises Frederick Gibberd very highly for the planning of the market place.

WILLINGTON "A" POWER STATION : CORRECTION

I would like to correct my paragraph under the heading "New Style Power Station" last week. It is to be built at Willington, not Woolington, and my description, I have been told, is misleading, and I now hasten to correct it.

This station is to be commissioned by the British Electricity Authority to supply power to the National 132 and 275 kV grid systems.

The plant will consist of four units, each comprising a 100 mega-watt turbo-alternator and associated plant operating at 1,500lb per square inch steam pressure supplied by a boiler of 830 k/lb per hour evaporation.

The four boilers are arranged "four square" with two pairs of turbines flanking two sides of the square and air heaters, dust collecting plant and ducting on the other two sides connects the four boilers with the two free-standing 425ft high reinforced concrete chimneys. Fuel bunkers feeding the boilers are in the central aisle between the two pairs of boilers and parallel with the two turbine halls.

Turbines are enclosed in two reinforced concrete framed halls with lightweight barrel vault roofs and vertical aluminium cladding resting on a 27ft high brick plinth.

The buildings enclosing plant between the two turbine halls are steel framed and clad with aluminium and glass on a 7ft high brick plinth. Boilers are exposed above 67ft height except for aluminium box covers at the tops.

Precipitators, dust collectors, fans and ducting associated with the boilers are exposed as structures within themselves as also are the transformers associated with turbines and plant control.

ABNER



M.O.W. photos. Crown Copyright Reserved

New office for the Telephone Manager, N. W. Area, London Telecommunications Region. This new building, which adjoins Kilburn Station with a frontage to Shoot-up Hill (shown above) was designed in the Chief Architect's Division of the Ministry of Works by Mr. Eric Bedford, C.V.O., A.R.I.B.A., chief architect, M.O.W. It is the first British built multi-storeyed continuous frame embodying prestressed concrete. Mr. G. C. A. Greetham, the Ministry's Chief Structural Engineer, was responsible for the design of the structure.

NEWS OF THE WEEK

Re-sale of Post-war Houses

The first announcement made to Parliament, when it reassembled on October 20 after the summer recess, was that the control on the selling price of houses built since the war would end in December. Mr. Macmillan, Minister of Housing and Local Government, who has been questioned many times on this matter, stated that the power to control these prices, which was contained in three Acts passed in 1945 and 1949, would lapse on December 20, and the Government did not intend to seek its renewal. The control was introduced to prevent profiteering in these houses at a time when licences were difficult to obtain and pre-war houses commanded scarcity prices. Now the freedom to build under licence had been greatly extended, and the price of pre-war houses was declining, the Government did not think that the control, which imposed a real hardship on many owner-occupiers, could any longer be justified. The decision was denounced by Mr. Dalton and other Labour M.P.s as a blatant encouragement to profiteering, and will almost certainly be the subject of future debate.

Mr. Macmillan was asked by Mr. Donnelly whether he would amend the Landlord and Tenant Act, 1949, to make it possible for those with long leases and where the rent was under the full rateable value to re-sell their houses. He said that this raised difficult problems, and he could as yet make no definite statement on what could or could not be done towards their solution.

Another cognate matter on which the Minister has still to declare Government policy is the amendment of the Rent Restriction Acts.

Mr. Hay asked for information about the aggregate amount of Exchequer subsidies for all houses built since 1919, under the various Acts granting subsidies. The analysis which Mr. Macmillan furnished showed an aggregate amount for England and Wales ending with the year 1952-53 of £483,206,888.

Notes from the Minutes of the R.I.B.A. Council Meeting held on October 13

The Honorary Corresponding Membership:

The Secretary reported that Senor Leopoldo Artucio had accepted the Council's nomination for election as an Honorary Corresponding Member for Uruguay.

R.I.B.A. Dinner, 1954.

It was agreed to hold a dinner at Grosvenor House on February 19, 1954. It was left to a sub-committee to go into detailed arrangements.

Building Research Programme, 1954.

The Secretary reported that the Royal Institute had been asked to comment on the Government's proposed

programme of building research for 1954 and to submit any observations by the middle of October. It was agreed to submit certain comments made by the Science Committee.

Fire Protection of Buildings of Architectural and Historic Importance.

Approval was given to the action taken by the Science Committee, in collaboration with the Fire Protection Association and other interested bodies, in formulating recommended measures for fire protection in buildings of architectural and historic importance. Two documents are being prepared, one taking the form of a schedule of specifications and precautions to be taken by contractors when working on such buildings, and the second that of guidance to owners of important buildings.

Nuffield Foundation: Proposed Division for Architectural Studies.

The Council were informed by the Nuffield Foundation of their intention to undertake research on the design and construction of scientific laboratories and to consider similar work on agricultural buildings. It was agreed that the Royal Institute would be willing to collaborate in the proposed work.

The late Sir Banister Fletcher: Bequest to the R.I.B.A.

The Secretary reported that under the will of the late Sir Banister Fletcher, a number of bequests had been made to the Royal Institute, including books from his library and a number of personal mementoes. Financial provision had also been made for the Sir Banister Fletcher Essay Prize and for an annual prize for the student obtaining the highest marks in the R.I.B.A. Intermediate Examination. A further bequest was likely to be available, subject to the settlement of certain conditions and to the winding up of the estate.

R.I.B.A. Examination for the Office of Building Surveyor under Local Authorities

At the R.I.B.A. Examination for the Office of Building Surveyor under Local Authorities, held on October 7th, 8th and 9th, 1953, sixteen candidates presented themselves and the following were successful: Ernest R. Bingle; Patrick S. Forder; Frank C. Newby; Henry L. Stephenson; Herbert F. Turner.

"Buildings and People"

Under this title, at the Architectural Association, 36, Bedford Square, W.C.1, Mr. Paul Hogarth will present a varied collection of 40 recent topographical drawings and portraits. They include drawings done in France, Greece and Britain as well as in Poland, Italy and Czechoslovakia. Mr. Hogarth, who is author of a series of drawings of Hampton Court and Holkham Hall, is a visiting teacher of Illustration and Graphic Design at the L.C.C. Central School of Arts and

Crafts. He is concerned at the decline of the tradition of topographical and architectural draughtsmanship and seeks to revive interest in what he rightly feels to be a particularly English medium of graphic art.

The exhibition will be open from November 3 until 27.

APPOINTMENT

Mr. J. R. Sheridan-Shedden, A.R.I.B.A. Dip. Arch (Cardiff), architect to Birmingham Education Department, has been appointed Deputy City Architect, Birmingham.

COMING EVENTS

The Architectural Association.

October 28 to November 20: 10 a.m. until 6 p.m.: Saturdays until 2 p.m. Exhibition of Watercolours by Sir Hugh Casson, at 36, Bedford Square, W.C.1.

The Wilts and Dorset Society of Architects.

November 2 to November 7. Exhibition of the work of members at The Salisbury Public Library.

November 28 to December 12, The Public Library, Swindon.

The Housing Centre.

November 3 at 1.15 p.m. "Playgrounds," discussion and report on the Housing Centre's Essay Competition, by Lady Allen of Hurtwood, F.I.L.A., at 13, Suffolk Street, S.W.1.

Royal Institute of British Architects.

November 3 at 6 p.m. President's Inaugural Address. Presentation of London Architecture Bronze Medal, at 66, Portland Place, W.1.

November 2 to 11. Travelling Exhibition, "Home and Surroundings," will be shown at The Odeon Cinema, Longbridge Road, Barking.

November 18 to December 2. Travelling Exhibition "Home and Surroundings," will be shown at The York School of Arts and Crafts, Exhibition Square, York.

The Reinforced Concrete Association.

November 4 at 6 p.m. Talk on "Reinforced Concrete Highway Bridges," by C. S. Chettoe, B.Sc., M.I.C.E., at 11, Upper Belgrave Street, S.W.1.

Students' Planning Group.

November 5 at 6.30 p.m. Talk on "Housing and Family Life," by Professor J. M. Mackintosh, M.A., M.D., LL.D., F.R.C.P., Professor of public health at London School of Hygiene and Tropical Medicine, at 28, King Street, W.C.2.

Association of Building Technicians.

November 6 at 6.30 p.m. "Architects' Salaries," an Open Forum, to be held at the York Hall, Caxton Hall.

Exhibition of Contemporary Spanish Architecture

It is greatly regretted that owing to transport delay it was not possible to open the above Exhibition on Monday, October 26, as announced. Notification of new opening date will be issued as soon as this can be arranged.



View 1. Sketch by Sir Hugh Casson

Sidgwick Avenue Site, Cambridge

PROPOSALS BY SIR HUGH CASSON AND NEVILLE CONDER

THE Committee for the Sidgwick Avenue site have recommended that the scheme for its development prepared by Sir Hugh Casson be approved by the University Authorities, who now have the matter under consideration. The Committee in their report state that they are satisfied that the scheme will provide all the accommodation required and retain room for later expansion and that the plan shows a neighbourly regard for adjoining sites. The device of the platform courts combined with the placing of service roads will protect the buildings from traffic noises and make them quiet places for study. Extracts from the report of Sir Hugh Casson and Neville Conder follow.

The Site

The Sidgwick Avenue site is fortunately free from the most prickly of all architectural problems, that of reconciling the new and unfamiliar with the old and well-beloved. The site possesses no outstanding natural features, other than a few trees, which demand to be respected. The architecture of the surrounding buildings sets no stylistic theme which it would be ill-mannered to ignore. The opportunity presented to the architect is thus more than usually full of unrestricted possibilities. In approaching it, we have been guided by certain principles which are briefly set out below.

Relation to Site

It would be possible to lay out the Sidgwick Avenue site, by reason of its character and placing, as an enclosed and totally self-centred area independent of its neighbourhood—a secret walled city, as it were, to be discovered during a suburban stroll and disclosing its delights only after the entrance gates have been passed. This method, despite its many attractions, we have rejected. No group of Faculties and Lecture Rooms, however closely linked their functions, can afford to be too sharply separated from the living stream of University life, and in our view the physical distance from the Colleges is already disturbing enough without emphasizing this separation by devising a self-centred layout.

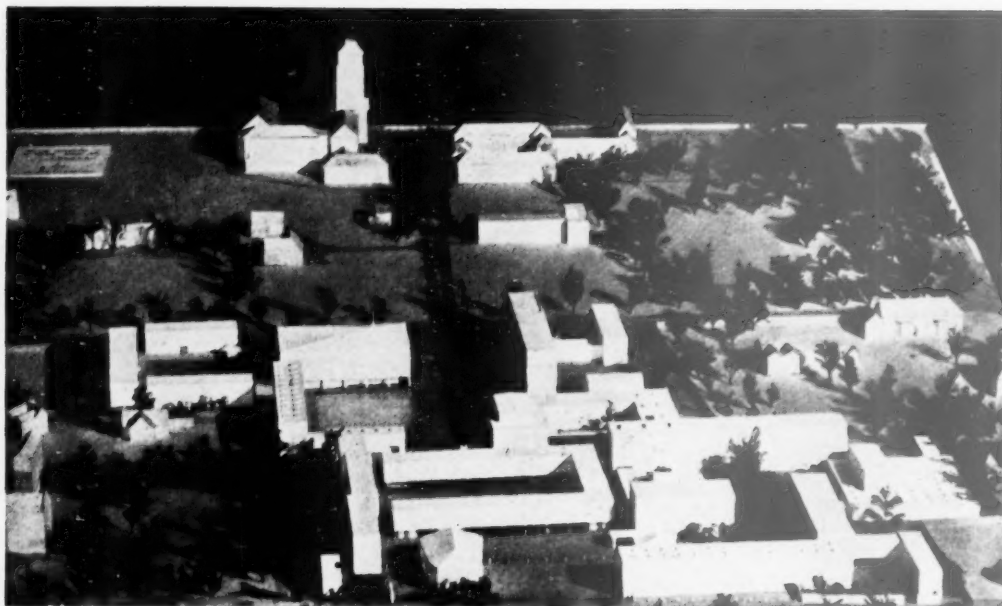
We have preferred the alternative approach of relating the site and its buildings not only to the principal groups of buildings which now adjoin it—(Newnham and Selwyn)—

but also to those which are at present more distant but which in the future may become more closely related. The largest and most important of these is, of course, the New Library. This has already set up a new and dominating focal point on the west side of the Backs and, by disturbing in this way the University's centre of gravity, has given the first hint of how the new balance of University development may eventually be achieved. A study of the layout proposed in the accompanying plans will show that we have deliberately recognized and respected the existing buildings of Newnham and Selwyn by visually connecting them to the new building groups. By maintaining as well a strong visual contact with the New Library tower, the new Sidgwick Avenue development has, in the form we have proposed, a better chance of becoming more integrated with the University of the future—a University in which (as a recent critic* has pointed out) the "Backs" may become "Fronts" and the green areas to the west of the river become not a barrier but a landscaped campus, lying between the new and the old and linking them together. Not all these visual connections are axially placed. One of the most important (that of the new Library Tower as glimpsed from the centre of the site) is seen at a slight angle to the line of the Clare College-Library axis. This deviation provides a more interesting view when looking at the former, since the eye stops naturally upon it and does not slide uncomfortably past, while in the reverse direction the grouping of the new buildings brings the eye gently to rest without too abrupt a conclusion. Finally, by this same device the unsatisfactory split that would occur within the site, were the present frontage line of the Library to be carried through at right angles to West Road, is successfully avoided.

Formality

A group of Faculties and Lecture Rooms of this size and complexity demands a degree of formality in its setting. There are various methods of achieving this, but the one which we would firmly reject is the strict control of façades and architectural treatment. Such a device is constricting

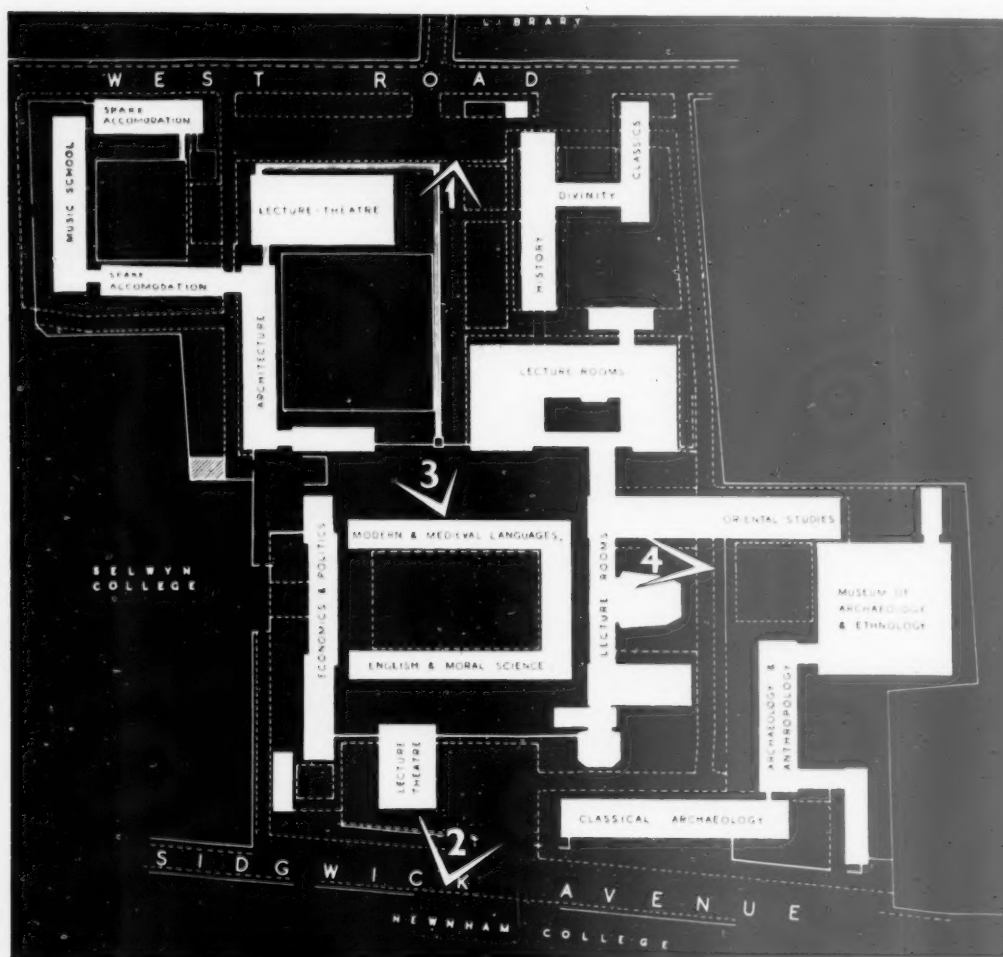
* Professor Nicholas Pevsner, *The Cambridge Review*, April 19, 1952

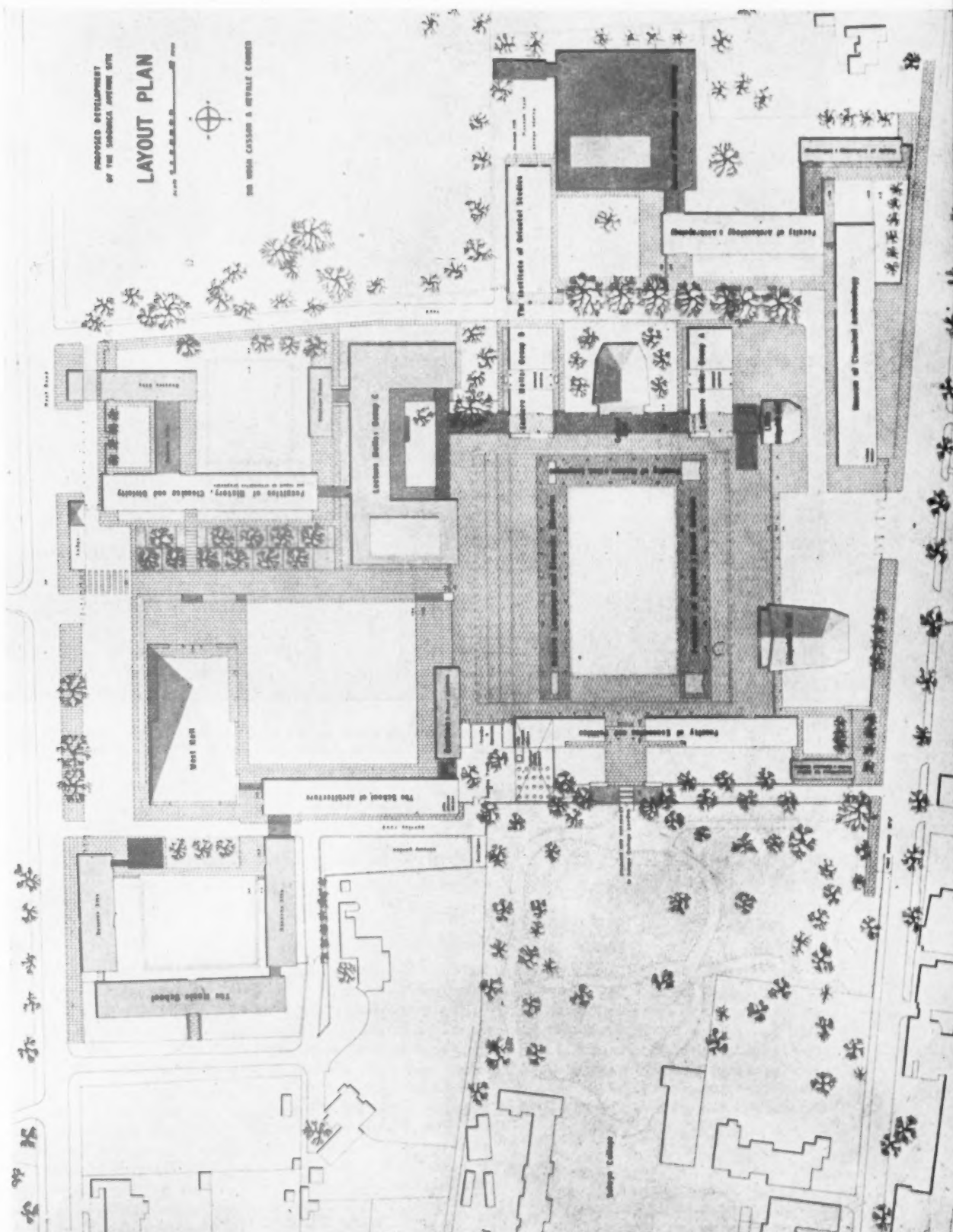


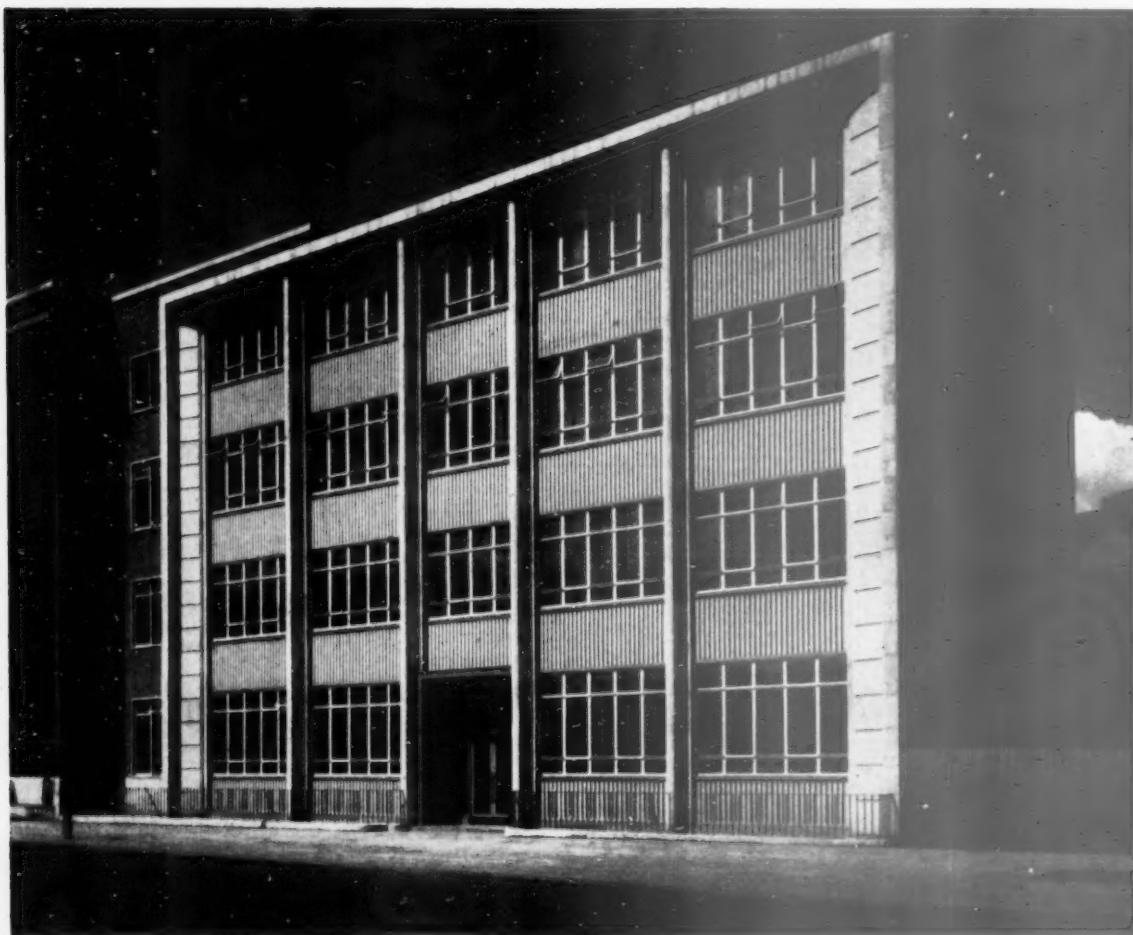
The model showing the New Library tower in the background.

SIDGWICK AVENUE SCHEME

Key to the model with view points of sketches.







Front elevation to Tithebarn Street, in cast stone to match existing Portland Stone facings. Window panels in cast iron painted silver grey. Door surround, Westmorland greenstone.

NEW EXTENSION: CITY COLLEGE OF COMMERCE. LIVERPOOL

RONALD BRADBURY, Ph.D., F.R.I.B.A., A.M.T.P.I., CITY ARCHITECT & DIRECTOR OF HOUSING

THE existing College of Commerce, erected about 20 years ago, occupies a site on the corner of Tithebarn Street and Smithfield Street and the recently completed extension, which has a frontage to Tithebarn Street, is a first instalment of a large future extension scheme which will later occupy the Tithebarn Street-Vauxhall Road corner site.

Necessitated by the considerable increase in the numbers of day and evening students, the present extension will alleviate the present shortage of teach-

ing accommodation pending the erection of the complete scheme.

Providing accommodation for approximately 300 students, the new extension comprises large lecture room, four general classrooms, special classrooms for accountancy, book-keeping and geography, staff room, students common room, library and reading room with students study cubicles also store rooms, cloakrooms and lavatory accommodation.

Site

The site was formerly occupied by

buildings which were demolished by enemy action, the sites of which have been compulsorily purchased. The present scheme necessitated the closing of Lower Milk Street which crossed the site from Tithebarn Street.

Plan

The main entrance, located on the Tithebarn Street frontage, gives access to main entrance hall and large lecture room on ground floor and main stairway and lift to upper floors. The teaching accommodation has been arranged on the first and second floors with

library, reading room, etc., on the third floor. Lavatory and cloakroom has been conveniently disposed on all floors in addition to basement floor. Corridors on all floors give access to the existing college.

Construction

The structure is steel framed with hollow tile floor and flat roof construction and hollow tile internal partitions.

Although treated in a more contemporary manner the front elevation continues the main lines of the existing college, the windows of the main feature being separated by vertical fins of cast stone with cast iron panels of fluted design between the windows of the various floors, the whole being framed with a strong projecting surround of cast stone.

Finishings

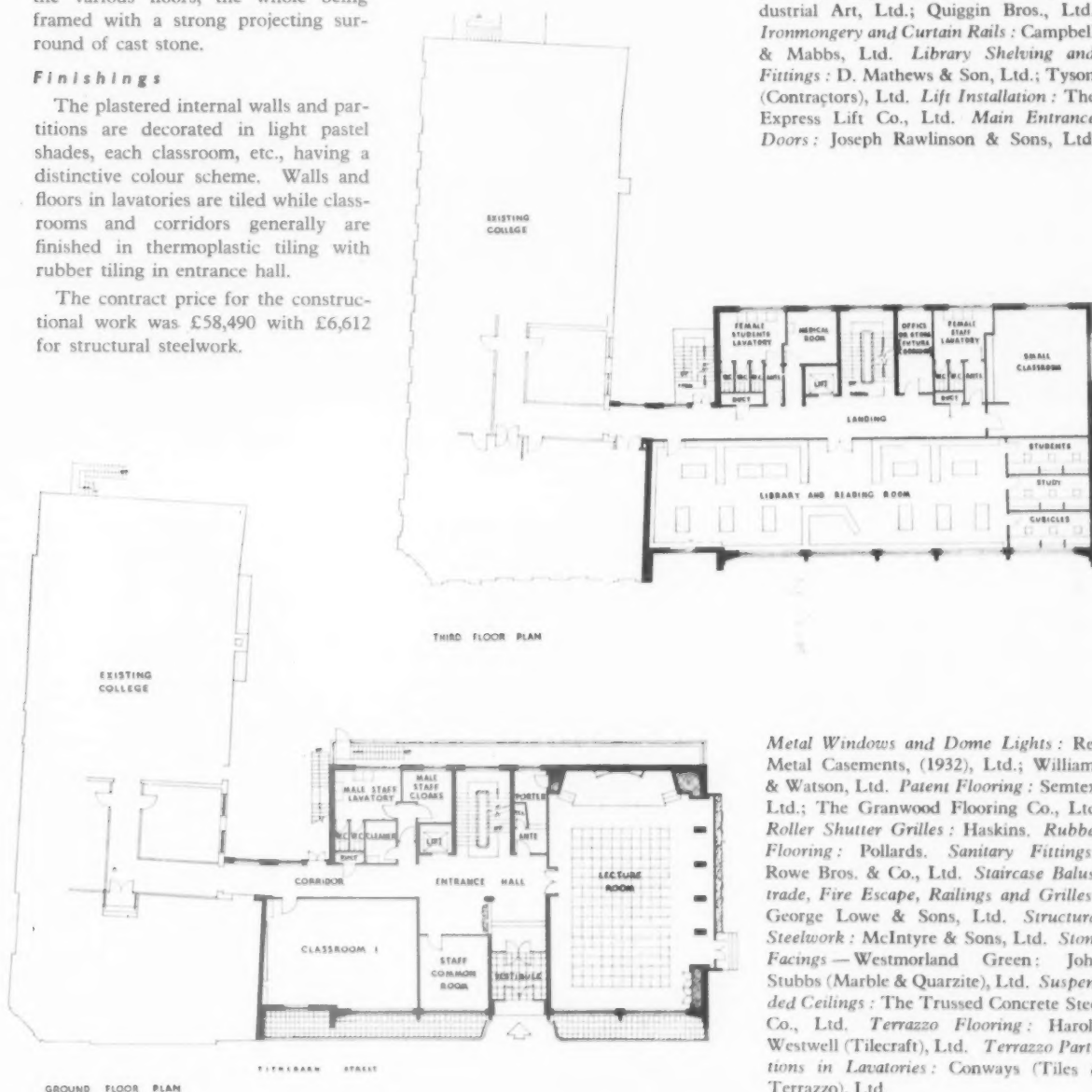
The plastered internal walls and partitions are decorated in light pastel shades, each classroom, etc., having a distinctive colour scheme. Walls and floors in lavatories are tiled while classrooms and corridors generally are finished in thermoplastic tiling with rubber tiling in entrance hall.

The contract price for the constructional work was £58,490 with £6,612 for structural steelwork.

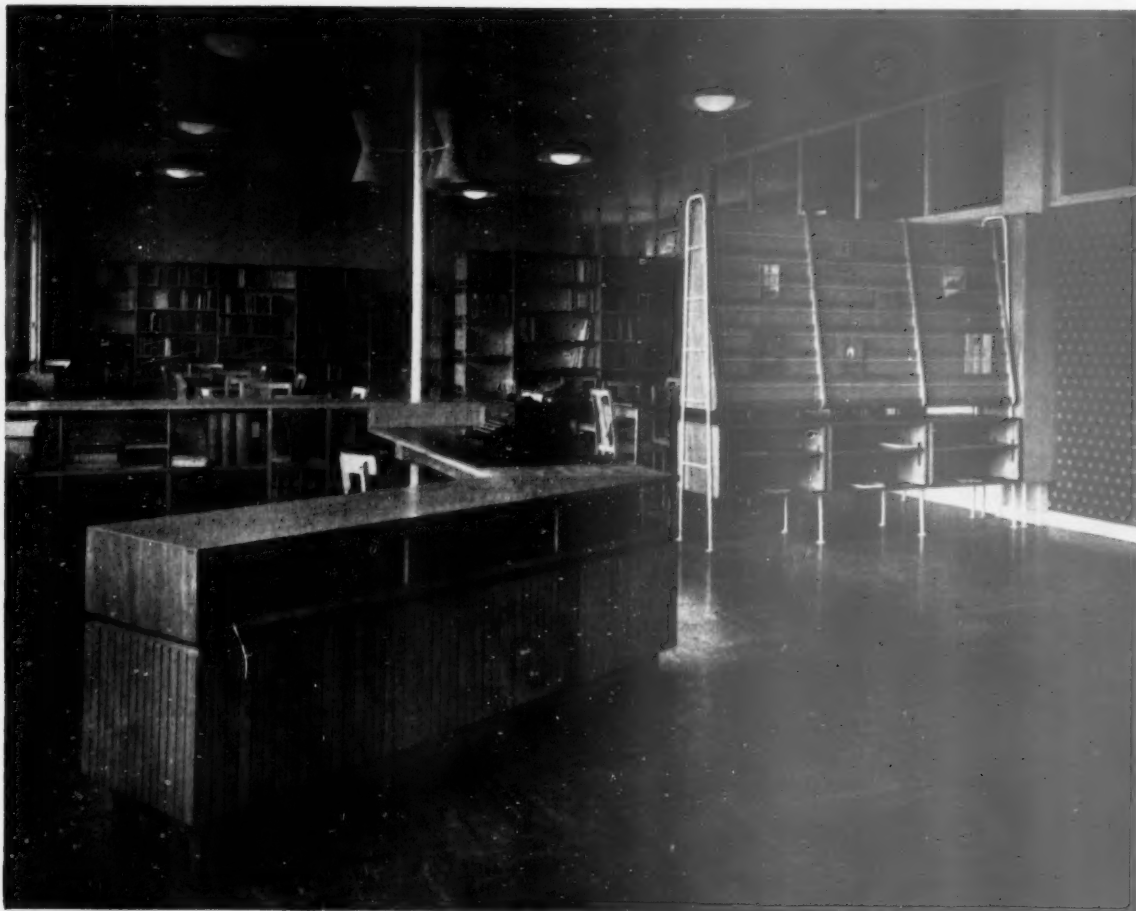
Dr. Ronald Bradbury, Ph.D., F.R.I.B.A., A.M.T.P.I., City Architect and Director of Housing, was assisted by John Patterson, A.R.I.B.A., A.M.T.P.I., Deputy City Architect, S. E. Mahon, B.Arch., A.R.I.B.A., Principal Architect, A. T. Ashworth, Dip.Arch., A.R.I.B.A., First Assistant Architect and J. J. Moore, B.Arch., A.R.I.B.A., and N. T. Evans, B.Arch., A.R.I.B.A., Assistant Architects and H. Hill, A.M.I.C.E., A.M.I., Struct.E., Structural Engineer of the Department.

General Contractors: Wm. Hall & Son, Ltd.

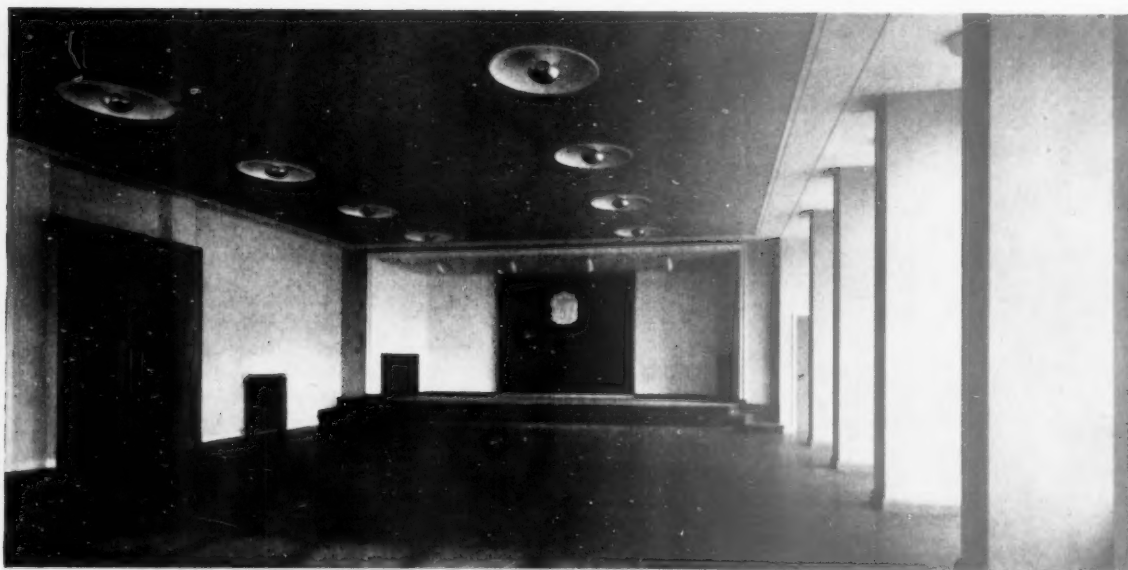
Cast Stone: Forticrete, Ltd. Cloakroom Fittings: Parker, Winder & Achurch, Ltd. Clocks: The Synchronic Time Recording Co., Ltd. Electrical Installation and Fire Alarm System: The Merseyside & North Wales Electricity Board. Electric Lighting Fittings: Courtney Pope (Electrical), Ltd.; Falk Stadelmann & Co., Ltd.; The Merchant Adventurers of London, Ltd.; Troughton & Young (Lighting), Ltd. External Lettered Signs: D. Mathews & Son, Ltd. Flat Roof Covering: Permanite, Ltd. Floor and Wall Tiling: Bangham & Fleming, Ltd. Heating Installation: Young Austen & Young, Ltd. Hollow Tile Suspended Floors and Flat Roofs: Diespeker Company, Ltd. Internal Lettering: Butler Jones (Nameplates), Ltd.; London Industrial Art, Ltd.; Quiggin Bros., Ltd. Ironmongery and Curtain Rails: Campbell & Mabbs, Ltd. Library Shelving and Fittings: D. Mathews & Son, Ltd.; Tyson (Contractors), Ltd. Lift Installation: The Express Lift Co., Ltd. Main Entrance Doors: Joseph Rawlinson & Sons, Ltd.



Metal Windows and Dome Lights: Rea Metal Casements, (1932), Ltd.; Williams & Watson, Ltd. Patent Flooring: Semtex, Ltd.; The Granwood Flooring Co., Ltd. Roller Shutter Grilles: Haskins. Rubber Flooring: Pollards. Sanitary Fittings: Rowe Bros. & Co., Ltd. Staircase Balustrade, Fire Escape, Railings and Grilles: George Lowe & Sons, Ltd. Structural Steelwork: McIntyre & Sons, Ltd. Stone Facings—Westmorland Green: John Stubbs (Marble & Quartzite), Ltd. Suspended Ceilings: The Trussed Concrete Steel Co., Ltd. Terrazzo Flooring: Harold Westwell (Tilecraft), Ltd. Terrazzo Partitions in Lavatories: Conways (Tiles & Terrazzo), Ltd.



Library and Reading Room. Periodical display rack in Idigbo and perforated hardboard with tubular frame stove-enamelled ivory.

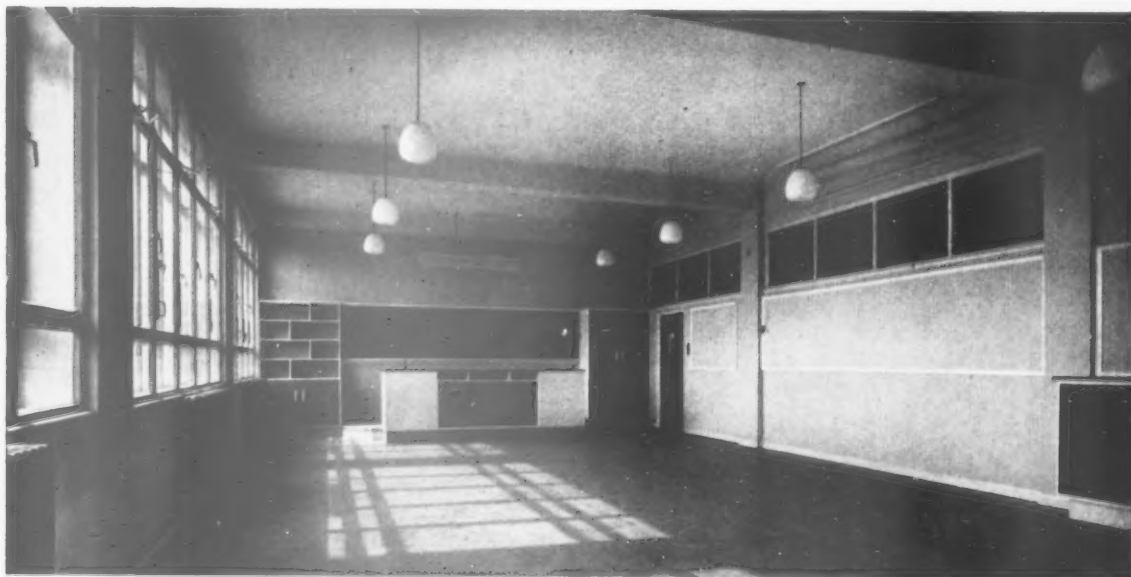


Lecture Hall. Woodwork in Meranti and walnut. Floor: Semastic tile. Walls: Painted gull grey and primrose. Ceiling: Arctic blue. Coat of Arms by H. Tyson Smith, F.R.B.S.



NEW EXTENSION: CITY COLLEGE OF COMMERCE, LIVERPOOL

Library and Reading Room. Bookshelf units and fittings in Idigbo. Tables in Idigbo with mahogany tops. Floor: Rubber tile. Walls: Painted French beige and gull grey.



Geography classroom. Woodwork painted ivory, mid-grey and venetian red. Walls: French beige. Ceiling: ivory.



RECONSTRUCTION IN WEST GERMANY

*The first of several articles by
ROLF ROSNER, A.R.I.B.A., A.M.T.P.I.,
who visited the towns shown in the
sketch map during August, 1953*



Bonn-Endenichstr., terrace houses, rendering with red brick panels; farther back, a Y-shaped five-storey point block.



Bonn-Endenichstr., three-storey flats and terrace houses.



Bonn-Endenichstr., two- and three-storey flats.

MY route was planned to start at Bonn on the Rhine and end in Hamburg; the distance is about equal to that from London to Dumfries. The tour included one small town, Gevelsberg, small to medium-sized towns such as Leverkusen, Hagen and Bonn, large towns with about half-a-million inhabitants like Cologne, Düsseldorf, Essen and Hanover, and one city of metropolitan dimensions, Hamburg. In each place I received a friendly welcome, from both Ministry and City architects, senior town planners and directors of leading housing associations. My first impressions of reconstruction in Bonn set the pattern for towns yet to be visited. Complete and sometimes almost lavish reconstruction of the town centre, restoration of numerous buildings of historic interest, the development of a number of pleasantly designed housing estates in the outskirts and the use of tower cranes and cement silos on even the smaller sites. I arrived at the end of a distinct phase; the towering ruins, once almost symbolic of post-war Germany, have gone. Large bomb-blasted areas have been neatly levelled so that a visitor from abroad finds it difficult to realize the full extent of destruction. The days of rubble concrete are nearly over and builders rely again on more traditional materials. Altogether, Bonn, a town of minor strategic importance seemed less damaged than the larger industrial centres. In fact, Godesberg had not been bombed at all. Cologne, in contrast, had suffered heavily: of 252,000 pre-war dwellings, only about 20,000 had remained undamaged. Generally, I felt that rebuilding had not progressed very far. I was mainly impressed by the extensive activities of GAG, a leading non-profit-making housing association, which had reconditioned most of its pre-war properties and is building new estates with walls in the brightest shades of ochre, brown red, beige and applegreen.

Leverkusen

Some 30 miles upstream lies Leverkusen, where the gigantic chemical works of Bayer contribute much to the general prosperity. Here, in widespread reconstruction, housing had a large share. The town is well known for the contemporary style of its post-war architecture; two schools, built in 1951, are regarded as outstanding in Western Germany. The young Architect who designed them now occupies a leading position in the Architect's Department of the City of Hamburg.

Conditioned by austerity, I was taken aback when told that a hospital costing £1,000,000 had just been started, to be followed immediately by two large trade schools. All this in a town of 70,000 inhabitants! Whilst in Leverkusen I was invited to the local cultural centre, where a most interesting collection of pre-Hitler expressionist paintings was on show. The curator mentioned that recently there had been an exhibition of the works of Moore and Piper. I do hope we in return may have an opportunity of acquainting ourselves more thoroughly with the German expressionists.

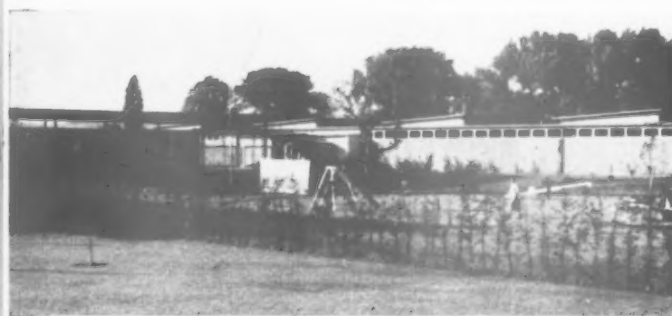
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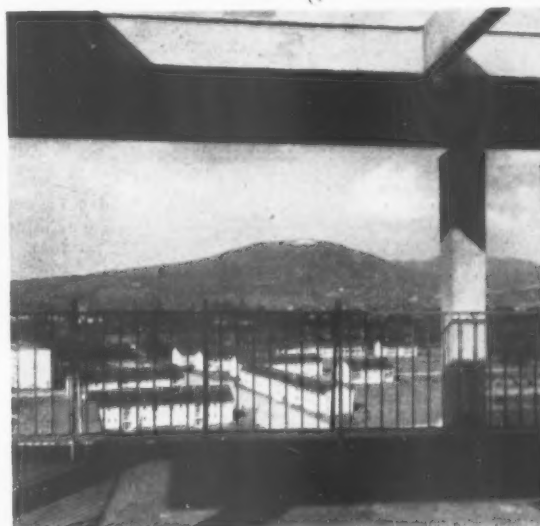
Bonn-Am Tannenbusch. The dwellings are identical to those in Muffendorf.



Godesberg-Muffendorf; point block with one-room dwellings. The estate serves German employees of the Americans.



Godesberg. Timber-clad school for American children.



Godesberg-Muffendorf; looking from the point block across the Rhine valley.



Bonn. Blocks of subsidized flats. In spite of expansion joints the six-storey block had a large vertical crack in its external rendering.

Cologne, GAG has built several estates for B.A.O.R. These eight-room houses for officers will be converted into two flats when the occupation ends.



BONN AND COLOGNE

Cologne: Brightly coloured block of flats for GAG, the lime rendering is finished with a wire brush. Many GAG flats have slag-wool insulated floors; these, it is hoped, will provide a competitive advantage when the housing shortage is eventually overcome.



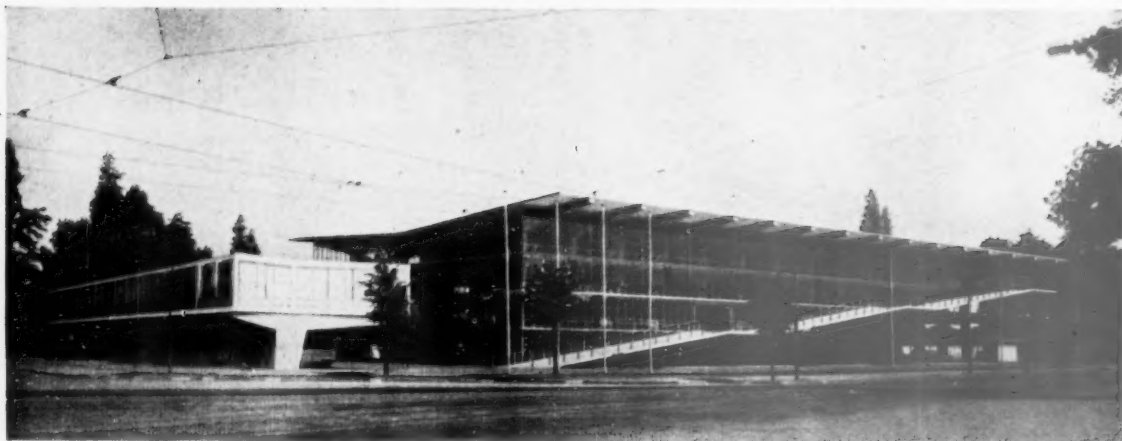
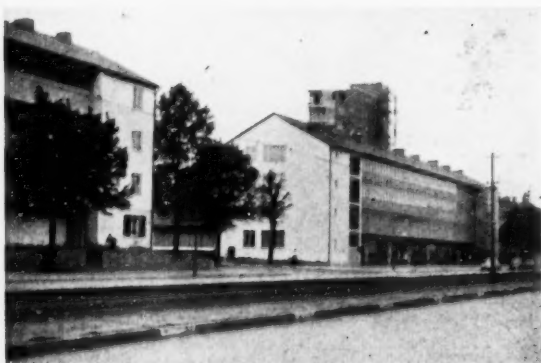


Photo: Strelow

D Ü S S E L D O R F

1. Multi-storey garage with Motel on the left. Architect: P. Schneider-Esleben.
2. Henkel estate, 4-storey blocks of flats. The access balconies of one block are entirely glazed. In the background red brick point block with one-room dwellings.
3. 14-storey block of offices.
4. Headquarters of the wire manufacturers.



Düsseldorf

Düsseldorf impresses the town planner by its sweeping Rhine embankments and extensive park areas which enliven the inner townscape so much. The casual visitor will delight in the elegant boulevards and innumerable cultural attractions, but if inquisitive, he soon realizes that there is steel inside the embroidered glove. Not only is this the capital of the wealthy Land Northrhine-Westphalia, but with Essen, the traditional seat of industrial and economic headquarters which steer the Ruhr industries. With hardly any restrictions on private development, the central area has been transformed by many new administrative and commercial buildings of lavish dimensions and finishes. Whatever else may be thought about such a display of wealth and power, the variety of finishes, German marble, limestones, slates and hard-burnt bricks and the degree of craftsmanship were refreshing to behold. I could see little of new housing, which seemed to consist substantially of in-filling between existing blocks. Before leaving Düsseldorf, I visited a large exhibition dealing with rationalization in industry. We should realize that Germany is following us up at increasing pace. So far as building site equipment is concerned, she has forged ahead.

The daily press recently published details of orders worth hundreds of millions of pounds which have been placed with Krupp by underdeveloped countries. Much of this work will be carried out at the Essen plants. In the development of German exports, the Ruhr miner plays a vital role and much is being done to make him comfortable. I saw numerous estates built by the powerful combination of city administration, miners' housing trust and the regional planning authority *Siedlungsverband Ruhrkohlenbezirk*. The Americans have also contributed many millions of pounds, with stipulations regarding location of dwellings and whether they should be let or sold to the occupants.

Hagen

Hagen at the south-western tip of the Ruhr area is a busy town with steel works and other heavy industries. By 1945, 22,000 of the 46,000 pre-war dwellings had either been heavily damaged or destroyed. Early in 1953 the number of homes had risen to 43,000. There were 360 elementary and 115 secondary school classes in 1939: by 1945 the school system had practically ceased to exist. However, eight years



Photo: Gropius

Dortmund: Miners' houses. A. Conte & Loy. Almost identical terraces have been built in Essen.



Miners' houses: Kitchen, and small bedroom, folding bed behind.



Essen: Office building; shops on ground floor, miscellaneous offices on first floor and insurance offices above.



Essen: Headquarters of steel firm.



Essen: Blocks of subsidized flats.

DORTMUND & ESSEN



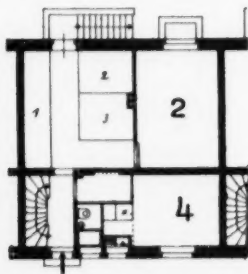
Heeren-Werve, Ruhr District; Site plan of miners' estate. Terrace houses with two- and three-storey flats.



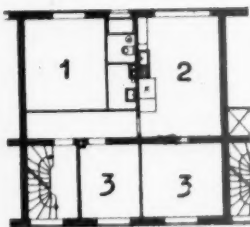
Essen: Offices of electrical manufacturers.



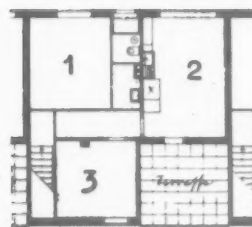
GEVELSBERG. Above: Factory estate. To the left the now completed eight-storey point block for young single workers, who are accommodated two and three to each room. Cooking facilities on each floor, common room on the ground floor and numerous showers and baths in the semi-basement. Further to the left, also completed, are now three-storey balcony access flats. Right: Three-storey staircase access flats.



Gevelsberg. Three-storey flats. Ground floor, one-room flat in front, tenants' stores and utility room in rear.



First-floor: Four-room flat, with kitchen recess in living room.

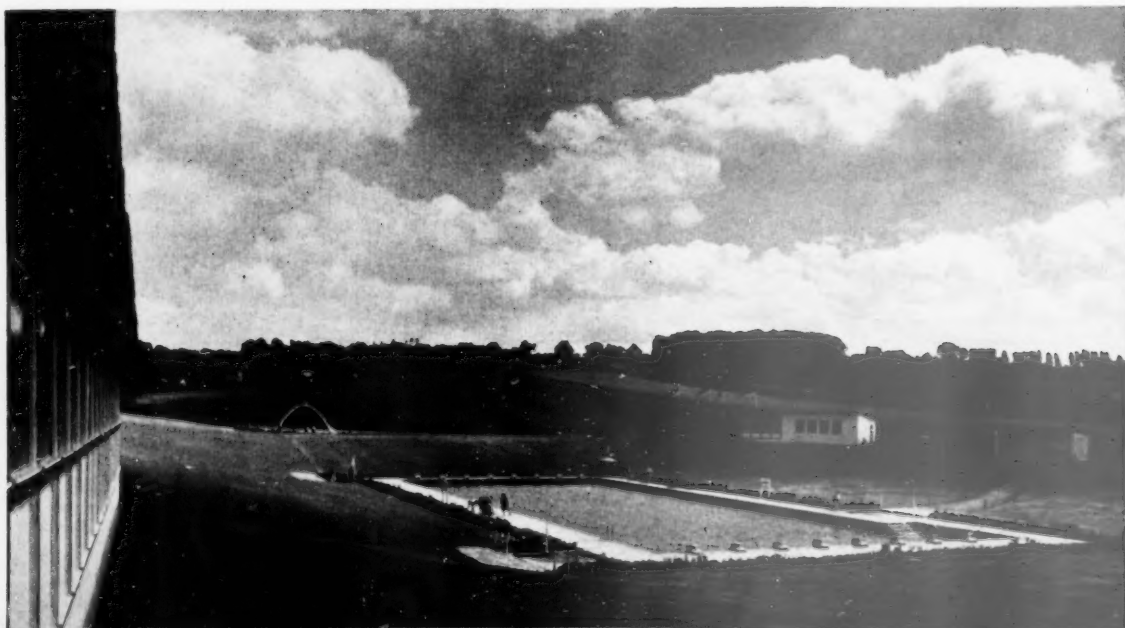
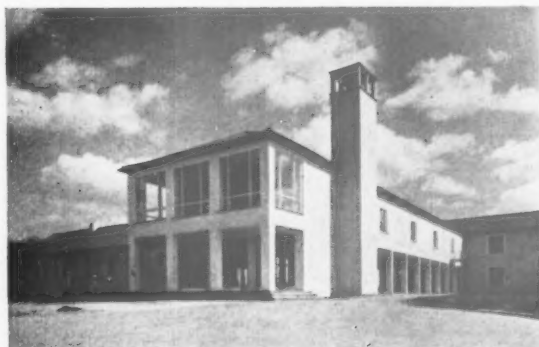


Second floor: Three-room flat with terrace. A. Schwagenscheidt.

later the pre-war figures were not even in sight although the population had increased by 14,500 heads. In March, 1953, the town had 338 elementary and 16 secondary classes. At present, a girls' grammar school with 21 classes is being built. This illustrates how lamentably inadequate German school-building programmes have been in recent years. Classes of 60 and 70 children are nowhere exceptional. Complications arise from the fact that Protestant and Catholic parents are entitled to demand separate schools.

[Continued on page 514]

HAGEN. Right: School on the outskirts. The future extension will enclose an internal courtyard flanked by colonnades. Below: Open-air baths with two pools at different levels. A toddlers' pool is to be laid out in the centre. The City Architects' Department controlled the appearance of the allotment sheds in the background.





HANOVER

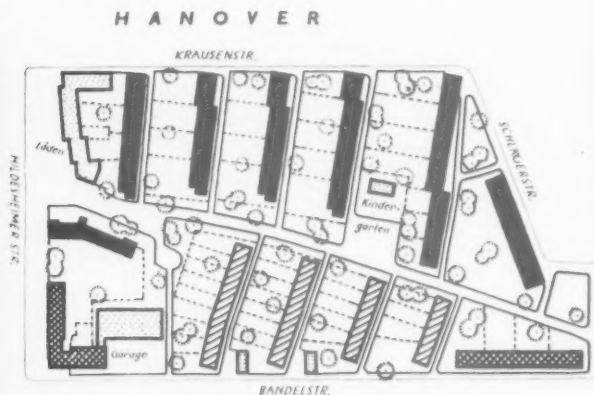
Constructa estate built during 1951 in conjunction with the 'Constructa' building exhibition. Below: Five-storey blocks. Everywhere preference is given to overall rendering. Craftsmanship is superb, but the appearance monotonous. The use of bold colours is rarely understood.





Shops of Constructa estate.

In the circumstances, German architects could learn a little from our post-war attempts to rationalize school-building. Numerous public buildings in Hagen are now restored: the town hall, the theatre, two colleges and gymnasias, three hospitals and three churches. New public buildings erected, or being erected, are: an enormous savings bank, the offices of the trade unions and the municipal electricity works, the general post office, six gymnasias, an open-air swimming bath, two banks and an old people's home. About seven miles of roads have been reconstructed or newly built. Some of the major thoroughfares in the completely restored town centre have been doubled in width to 70ft. Public open spaces, always adorned with pleasant sculptures, now amount to 150 acres. Much attention has been paid to the detail and artistic embellishment of public buildings. The

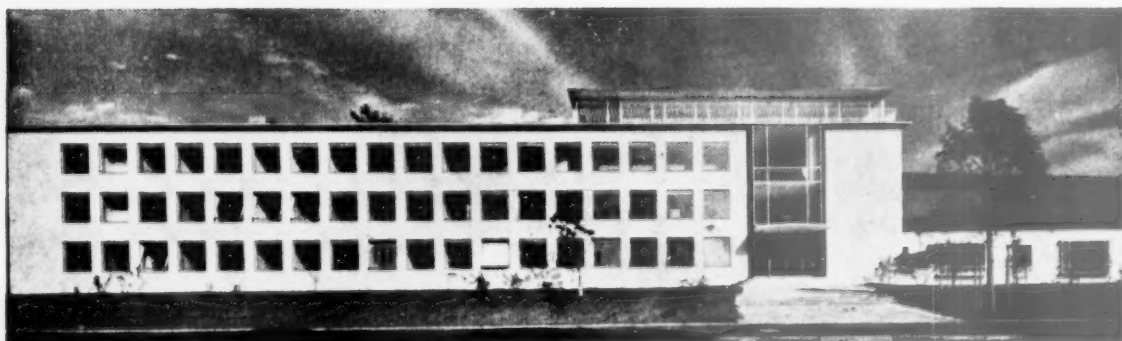


Constructa site plan. Shades indicate heights. German site layouts tend to be rigid and unsophisticated. Otherwise, the arrangement of numerous parallel blocks permits more efficient site organization and saves costs.



Constructa estate. Eight-storey balcony access block with wall panels rendered in mauve-grey, frame in white. Lift, never used in blocks of less than six-storey heights, has no door. This is general practice. The Germans take more chances for the sake of economy, e.g., water supply for taps and W.C.s is usually taken straight off the main.

North-West German Broadcasting Station: Internal courtyard with sculpture. The chairs are upholstered in bright colours. (Below) general view. Kraemer Lichtenhahn & Desterlen.





Administrative building.

Students' Hostel.



E.C.A. estate. Terraced bungalows with basement; rendered in bright colours, but with shoddy-looking asbestos roofs. The estate includes two-storey terrace houses and one-, five- and six-storey balcony access block.

HANOVER



Exhibition Hall for the annual international fair.



School in plum-coloured brick.

school and old people's home I visited were decorated with the most delightful ceiling and wall paintings. This remarkable reconstruction is essentially the work of its dynamic City Architect, on which I should like to congratulate him.

Incidentally, Hagen holds other interests for architects. A local manufacturer once commissioned Peter Behrens to build two villas, which can still be seen. Only a few months ago Mies van der Rohe surveyed a site for a private house in the vicinity; the design will be completed in the United States. The vitality of Hagen's recovery provided an interesting parallel with that of Leverkusen. In small places civic initiative and funds were naturally somewhat

limited, in the large towns the vision of the community as one entity grew blurred, but in those two instances a happy medium seemed possible.

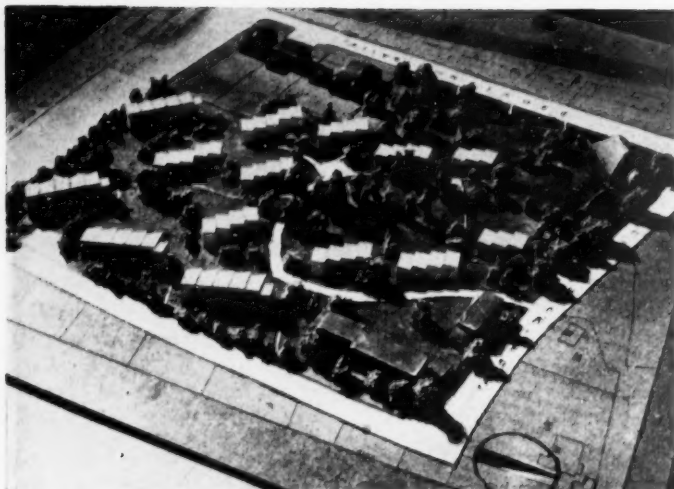
Gevelsberg

Some miles due west of Hagen, in the valley of the Ennepe, lies *Gevelsberg* where a leading firm of stove manufacturers is erecting for its employees a large hillside estate of imaginative design. Flats predominate, many of them with large secluded terraces, but the employees seem to be somewhat slow in taking to new ideas. As so often is the case, floor areas are very limited. With the open country so near, an English estate would have consisted of houses and gardens.

Hanover

The business centre of *Hanover*, if completely rebuilt, struck me as unimaginative in conception. The lack of co-ordination of windows in adjoining office blocks was disturbing. I also wondered, as I had in other towns, how much ground had been built upon behind those stolid rows of façades. I visited five housing estates one of which was laid out in the honeycomb pattern familiar in Sweden. Three of the others can be seen in the illustrations.

Whilst passing a large artificial lake in front of the North-West German broadcasting station I saw in the distance, beyond the opposite shores, a stadium for 80,000 spectators,



H A M B U R G

Suburban estate at Hohnerkamp for "Neue Heimat". Above: Model of terrace housing at Zig-Zag Way. Below, right: Model of part of the estate with two-, three- and six-storey blocks of flats.

which was being carved out of an enormous mound of rubble. Much is being done everywhere to improve amenities and to provide for the physical fitness of the people.

H a m b u r g

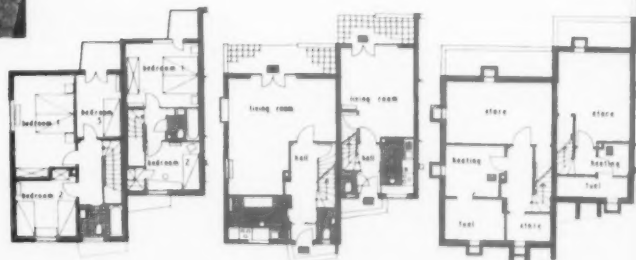
Conflagrations rather than high explosives caused widespread destruction in *Hamburg*. Of 555,000 pre-war dwellings, 277,000 were totally destroyed and 170,000 damaged. In many instances the shells of buildings survived and this facilitated the reconstruction of 60,000 dwellings with a saving of 20-30 per cent. For instance, in Barmbeck-Nord a large neighbourhood of five-storey blocks of flats emerged from the ashes. Many of the blocks are owned by *Neue Heimat*, a trade union-sponsored housing association which is the largest of its kind in Western Germany. *Neue Heimat* owns not only about 3,000 flats in Barmbeck, but also 30 shops, three inns, one cinema, one café, one nursery, one laundry, and garages. It is now embarking on the construction of enormous housing estates at the rural fringe of the City. At Hohnerkamp 1,520 homes are to be erected soon, and at Farmsen 350 out of 2,000 have already been started. The former estate will contain only three different types of dwelling, the latter five; this, in comparison with more varied types of estate, is to reduce costs by 17 per cent, but with the best of intentions it will be impossible to avoid monotony. Two similar estates, one of them with 3,500 dwellings for 12,000 persons, are still in the planning stage. High cost of land in the yet undeveloped inner areas are causing this flight into the outer suburbs. The reduction in building costs may, however, be offset by the evils with which one is so familiar in our major towns.

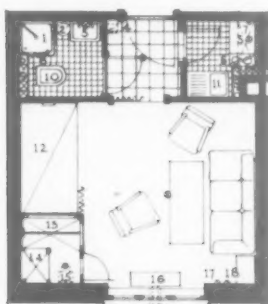
Grindelberg (see page 518)

The Grindelberg scheme is not unknown to British architects. I found it a fascinating experience to walk amongst its generously spaced 10- and 15-storey blocks. In 1946 the British Military Government proposed to build 12 multi-storey blocks for its personnel, but later on, in order to assist the German housing effort, the estate was handed over to SAGA, the progressive municipal housing corporation. By that time all foundations had been laid and two complete steel frames erected. Many of the blocks were subsequently constructed in reinforced concrete, which achieved a saving



Neue Heimat: Model and plans of terrace houses at "Zick-Zackweg".





One-room flat



One-room flat for "Neue Heimat," Hamburg. Above: mock-up of living room with built-in cupboards and recessed bed. Top right: mock-ups of kitchenette and bathroom.



SAGA — old people's home at Suldorf.

HAMBURG

Outer suburban cottage; of 'SAGA.'

of about 20 per cent. Rationalization speeded completion. One of the 15-storey blocks was built in 12 months, one of the 10-storey blocks in 10 months. The contractor either ran up his hoists in the lift shafts or, if more convenient, through temporary openings in the floors. Completed steel frames were externally clad with the aid of double-decker cradles, which, covering half the length of a block, were slowly raised from the ground floor. The biscuit-coloured brick was used in 12 purpose-made shapes and sizes. External walls consisted of an outer skin of 9in brickwork, rendered inside, 3in air space and 3½in inner skin of aerated concrete blocks. Walls dividing flats had a double skin of blocks. So far as floor insulation was concerned, the use of glasswool blankets beneath screeds was abandoned, for distortions occurred where heavy furniture had been placed. Satisfactory alternatives consisted of a ½in layer of sand plus bituminous fibreboard, plus ½in hardboard, plus linoleum or sand, plus fibreboard, plus a wire-reinforced cement screed.

The distribution of flats is as follows: 690 one-room dwellings; 12 1½-room dwellings; 750 two-room dwellings; 126 2½-room dwellings; 256 three-room dwellings; 32 four-room dwellings; 10 studio flats.

The completed estate should contain about 2,120 dwellings.

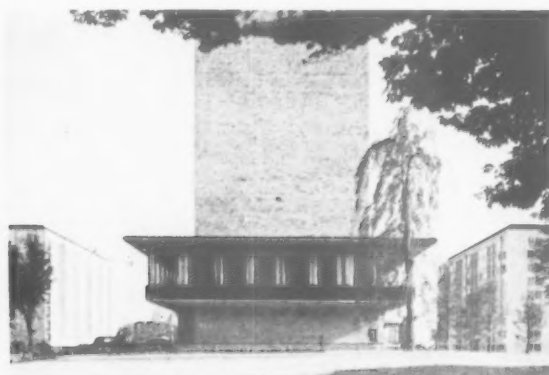
Another notable venture of SAGA was its experimental estate at Suldorf. Rationalization made possible the completion of four dwellings a day. The method, the so-called "Taktverfahren," will be described in detail at a later date.

A second article will appear next week.

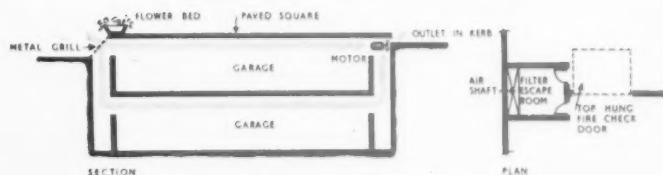




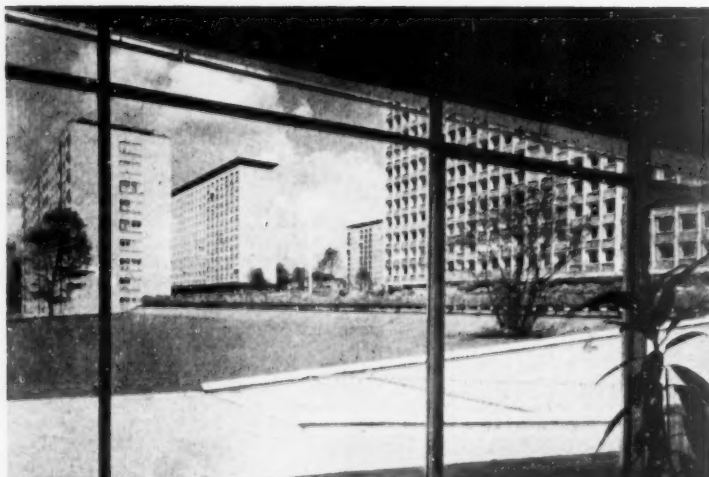
Grindelberg. The centre-third of the 15-storey block is occupied by the municipal district offices, the two outer thirds by one-room flats. Offices are served by paternosters, flats by lifts, which stop neither at first nor top floors. This saves money and eliminates ugly superstructures. This picture was taken in July: when I arrived on August 22, six-storey R.C. frame had risen from the foundations on the extreme right.



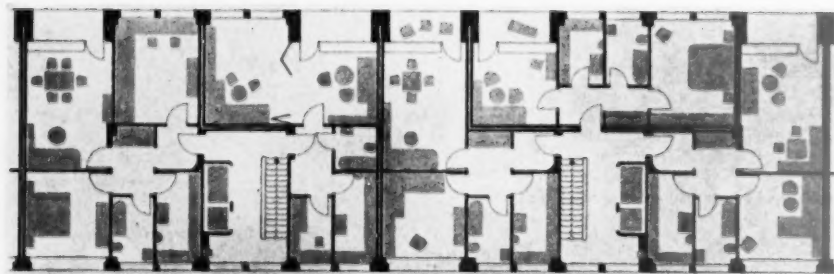
The ground and first storey of this block accommodates shops and offices. All blocks run from north to south and in each two heating systems are installed, one on the west and one on the east side, with independent thermostatic controls. According to the direction and velocity of the wind and the position of the sun, temperatures vary in rooms facing east or west. The system originates from Sweden. A mobile booster unit linked to Hamburg's district heating grid will supply the estate until 1954, when a permanent connection is to be made.



The mechanical extractor fans in the underground garage start working when the carbon monoxide reaches danger point.



Entrance to underground garages. Intake grille on the extreme left below flower troughs seen in right-hand picture.



GRINDELBERG

Plans of flats. A. Hermkes, Jäger, Ladders, Sander, Trautwein, Streb and Zess.

SIDGWICK AVENUE SCHEME

Continued from page 501]

both to the clients and to the architects of the future: a mask is after all as unwelcome to a designer as a gag would be to a University Lecturer. We have preferred to obtain the necessary formality in two dimensions and upon the ground, by designing a simple and direct layout, within the controlling framework of which are grouped, in a coherent, but basically informal and perhaps even mildly argumentative manner, the buildings themselves. To use a rather fanciful analogy, it is as if these buildings were a group of Dons seated round the strong linking geometrical form and pattern of the High Table.

This arrangement, assisted by our proposal to link the different buildings by such unobtrusive and neutral devices as canopies, covered ways, bridges and staircase blocks, permits greater freedom of design to the architects of these buildings. They are then only limited by the minor discipline of frontage and silhouette lines. This informal method of grouping the buildings will also be a great asset in a long-term programme, where needs are likely to change, demanding alterations that can easily be made without disturbing unduly the basic scheme.

This formal group pattern referred to above takes the form of two main features, one in each zone.

Zone A. (i.e., that part of the site that is immediately available). Here the centre of the site is covered with a paved platform, approximately 300 feet square, raised 2 feet above ground level to increase its importance and to provide a sharper definition of its edges. This platform forms the main pedestrian approach to the buildings which immediately surround it, and in particular to the Lecture Halls along its eastern flank. Centrally upon it stands a three-sided Faculty block, set round a turfed courtyard, and raised on columns above the level of the platform to permit clear views from end to end of the site, even as far as the New Library Tower. This platform also serves as the visual preparation or "entrance hall," for the new development which may take place eventually to the north, and its geometric formality is emphasized by the crisply outlined pattern of the paving upon its surface.

Zone B. (i.e., that part of the site (6.317 acres) occupied by houses and gardens). Here the main formal feature is a Water Square approximately 160 feet square. The buildings of Cambridge are traditionally associated with their riverside setting and the introduction of water on a large scale upon this "inland" site seems to us both appropriate and enlivening. This sheet of water, quiet, flat and rectangular, not only sets a mood of serenity for the buildings immediately around it, but will, we hope, be an "off stage" presence for the whole of the site—its sudden glitter catching the eye, sometimes perhaps almost unawares, from an upper window or between the shoulders of buildings.

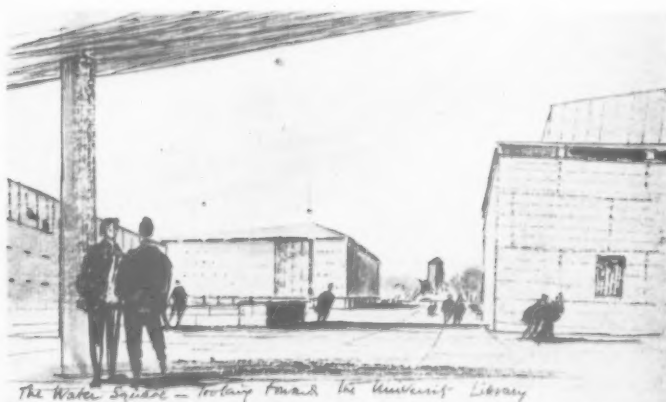
Round these two accents—the Paved Platform and the Water Square—are grouped the various buildings, the planning and mutual relationship of which are described in greater detail below.

Courtyard Planning

The buildings on this site, because they are most of them similar to each other in function, size and height, could easily look monotonous to the eye. There are no chapels, towers or structures of strongly individual character required to provide those visually essential points of sudden interest in the scene. To meet this difficulty we have followed two principles. First, the larger Lecture Halls, which could have been amalgamated into one large composite block and therefore virtually lost, have been extricated and carefully dispersed to provide those points of architectural interest which would otherwise be lacking. Secondly, we have throughout the site adopted the courtyard system of planning which is traditional to Cambridge. This, with its continually changing views and intricately arranged building patterns of different size, silhouettes, colours and textures, keeps the eye constantly alert, interested, and indeed to some extent deceived into thinking that the site is larger and composed of a wider variety of buildings than is in fact the case.

[Drawings overleaf]

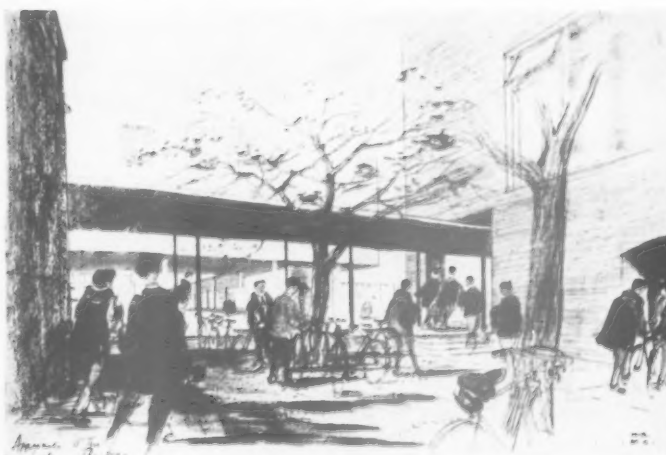
View 2. Entrance forecourt, Sidgwick Avenue

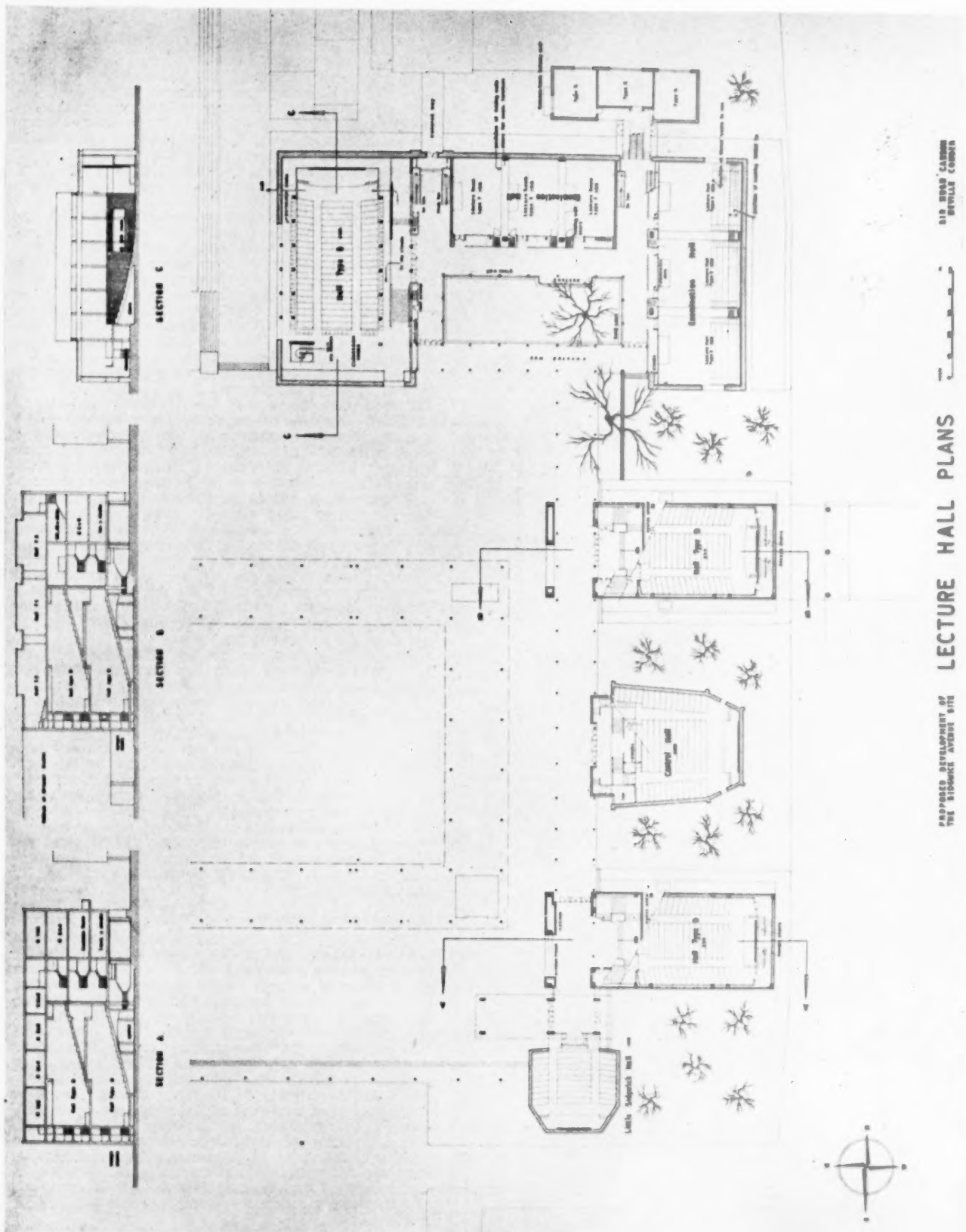


View 3. The Water Square

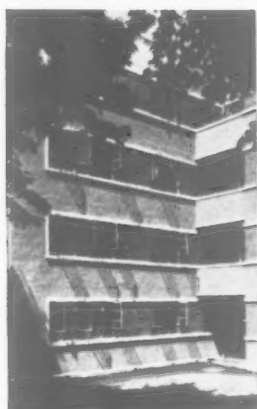
Sketches by Sir Hugh Casson

View 4. Approach to the Lecture Theatres





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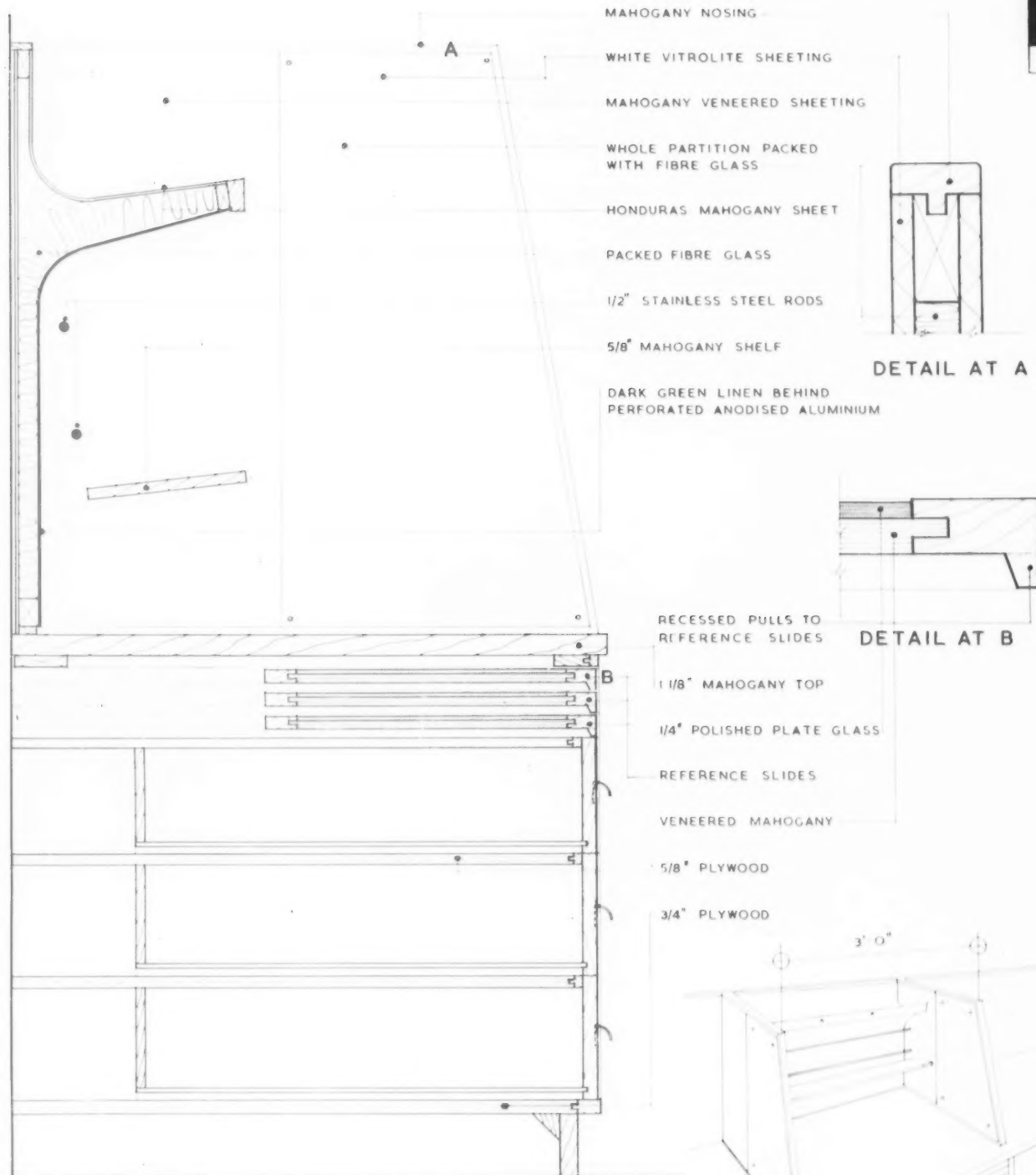
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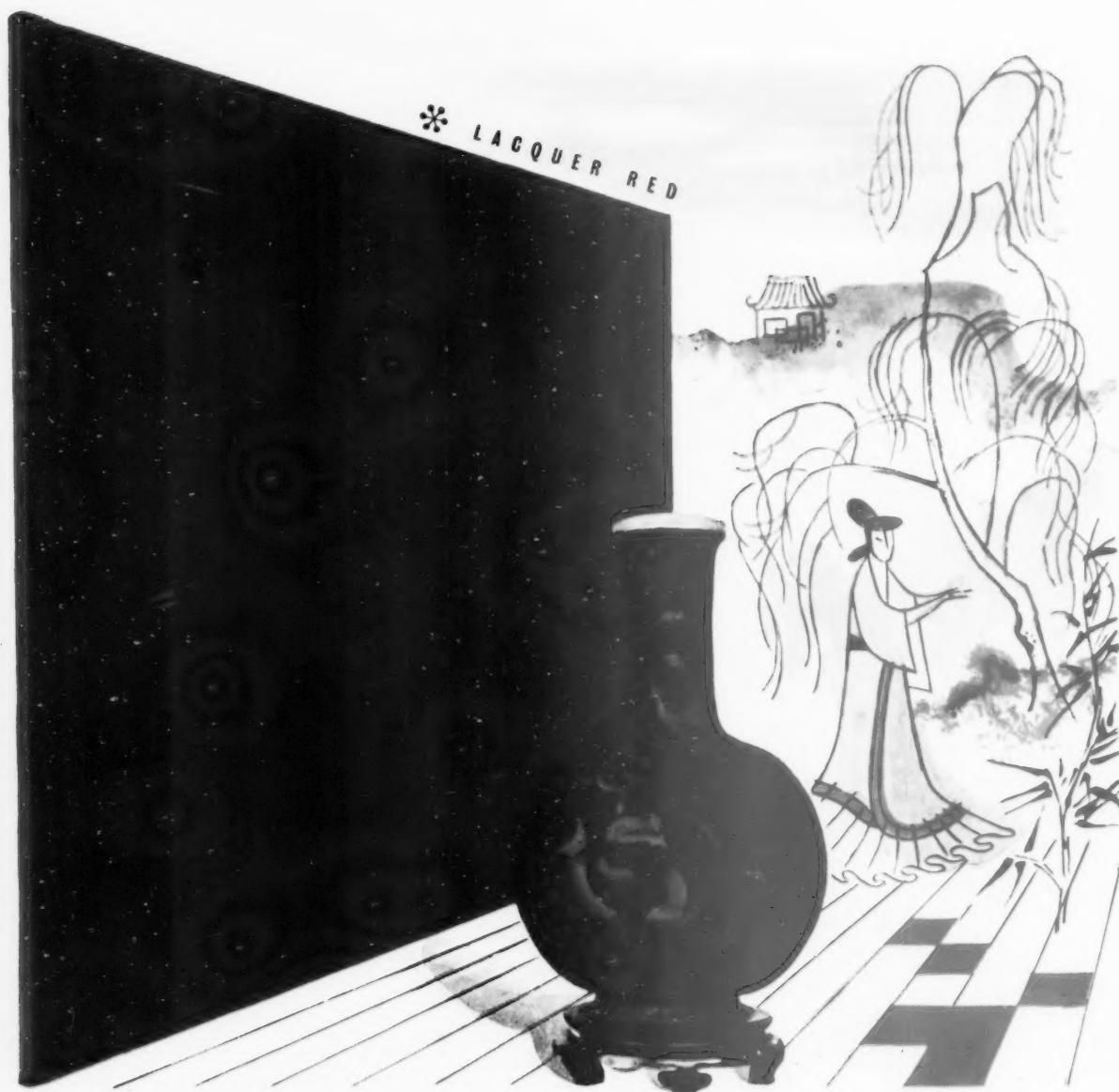
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The Caravan Rash—Local Authorities Have Powers to Deal with this Problem

By

MAURICE TAYLOR,
A.R.I.B.A., M.T.P.I., F.I.L.A.

Caravan camp on the Sussex Downs.

WHETHER we agree or not with a caravan holiday, the caravan as a means of spending a holiday away from home has come to stay. Much has been written condemning the caravanner for his desecration of the countryside, but in all fairness is he the real culprit? I feel that in the main the Local Authorities are to blame. The Planning Authority is the authority for approving a site for this purpose. If no application has been made but the Authority feels that there is every likelihood of the submission of applications, it can reserve a site in the Development Plan. It can impose conditions regarding layout, classes, density and the provision of public services. It may even go so far as to ask for tree planting to be carried out.

What, you may say, would be the attitude of the Minister to an appeal? I have studied the appeal cases already heard and he has supported

the Authority in any reasonable request which does not inflict too great a hardship on those concerned.

Having once agreed and approved a site for holiday caravans, the difficulty most Authorities experience is the prevention of the erection of make-shift dwellings. This can be avoided if the planning permission is carefully framed to make it clear that it relates only to caravans and tents and includes a condition expressly forbidding the stationing on the land of railway carriages, tramcars, and similar unsightly structures.

Why is it that we still see rashes of caravans dotted at the most inappropriate places? One cannot blame an owner of land if he finds that a site which he owns is looked upon with favour by those who are willing to pay for resting their caravans. Very few of us, if we found it was more profitable to graze the field with caravans than sheep, would turn the

caravanner away. I feel the blame must be laid at the door of the Local Authorities.

Why is it that they still allow sites to be ruined, as the illustration of the site on the Sussex Downs so well shows? Is it because they could not care less, or what?

Not all Authorities take up this attitude—as is shown by the illustration of the caravan site at St. Andrews. Whilst the site may not be ideal in relation to the amenities of this famous historical resort, the Authority (the Burgh Council) has provided all the public services and demands that the caravans are parked in an orderly manner.

In the progress report of the then Minister of Local Government and Planning for the years 1943-51, the Minister complimented the organizations interested in camping for their efforts to preserve the countryside and yet assist their members to obtain the benefits of the country for camping and caravanning. In fact, the National Caravan Council went to the trouble and expense of issuing to Local Authorities and operators a guide regarding caravan sites and engaging Mr. G. A. Jellicoe, F.R.I.B.A., P.P.I.L.A., to prepare a model giving a suggested layout of a rural recreational caravan site.

In August this year Local Planning Authorities received a set of standards for sites from the National Federation of Caravan Site Operators' Association. The letter ended with the following words: "A recognized national set of standards will do much to assist in the cleaning up of bad and indifferent sites, and thus acquit Local Authorities of the charge that they do nothing to improve caravan sites."

What have Local Authorities done? They have received sound advice and powers from the Minister; the National Caravan Council has at all times been willing to help both Local Authorities and site operators with



Caravan camp at St. Andrews, Fife.

Photo: G. M. Cowie



MODEL OF A SUGGESTED LAYOUT OF A RURAL RECREATIONAL CARAVAN SITE FOR THE CARAVAN CLUB BY G. A. JELlicoe, F.R.I.B.A., P.P.I.L.A.

information and advice; whilst the Site Operators' Association has laid down and brought to the notice of Authorities standards for sites. I will leave the question as to what Authorities have done unanswered.

What could they do? If they wish to take constructive action they may, under the 1947 Act, designate land as subject to compulsory purchase for a caravan site in their Development Plan; or, before the Plan becomes operative, may buy land under Section 38(2) for the purpose, and under Section 20 of the 1944 Act may provide water and sanitation. There are also the provisions of the Physical Training Recreation Act, 1937, which give Local Authorities certain powers to acquire land for this purpose and, if they wish, to manage the camp.

The procuring of a site, however, is not sufficient. From the very beginning it must be laid out, and laid out with an eye to the amenities of both the area and the users. Here Authorities have a golden opportunity to obtain the best brains possible by means of an architectural competition. I feel sure it would be well supported and result in the site's becoming a credit to the town, rather than result in an area which lowers both the prestige of the town as a holiday resort, and the amenities of the area.

The remedy for the rashes—which are growing yearly—is in the hands of the Local Authorities.

SYMPOSIUM ON REGIONAL PLANNING

DEVELOPMENT workers from many fields and countries assembled at a Symposium on Saturday, September 26, at the Imperial Institute, London, to discuss the problems of comprehensive regional planning. The meeting, convened by the School of Planning and Research for Regional Development, Community Development Projects, Limited, and the School of Planning Club, was addressed at its first session by Dr. John Logan, representative of the Rockefeller Foundation, Mr. John Bolton, formerly deputy chief engineer on the Volta Valley project in the Gold Coast, and Dr. G. P. Wibberly, senior research officer, Ministry of Agriculture. Mr. Arthur Ling, senior planning officer of the London County Council, presided.

For the second session the Symposium divided into groups to discuss social, economic and physical development problems. This was followed by reports by group leaders, Mr. Percy Johnson Marshall, Town Planning Institute council member, Dr. C. A. O. van Nieuwenhuijze, of the Institute of Social Studies, Holland, and Professor John Phillips, agricultural biologist. Dr. Otto Koenigsberger, former Housing Director to the Government of India, summarized the day's discussion and moved a resolution, later adopted by the meeting, which said:

"This meeting has demonstrated the need for a more thorough investigation into the needs and problems of comprehensive development. It considers that in pursuance of these aims a Committee should be formed with the following terms of reference:—

- "1. To investigate the possibility of a Centre for Regional Planning and Development in London;
- "2. To encourage the formation of a Regional Planning and Development Association;
- "3. To follow up the proposals put forward by the three groups of workers at this conference.

"To these ends, we suggest the Committee should arrange a major conference to bring together the maximum number of interested persons and organizations in order to further the above recommendations."

The Symposium then appointed a Committee as outlined in the resolution which included, in addition to the personalities mentioned above, Mr. Max Lock, town planning consultant, Professor W. H. Beckett, lecturer in agricultural economics, University of Oxford, Professor Gardner-Medwin, former planning adviser to the West Indian Welfare Commission, Mr. Norman Hart, Executive Director of Community Development Projects, Ltd., Mr. Leslie Ginsburg, lecturer on planning at the University of Manchester, and Mr. Ralph Rookwood, secretary, School of Planning.

It was agreed that the Committee should co-opt additional members from other fields and that governmental and inter-governmental agencies should be approached with a view to their participation.

One hundred and ten persons attended the Symposium and participants were present from Israel, Burma, India, Gold Coast, France, Holland, Kenya and New Zealand.



FACTORY FOR LEYLAND MOTORS LTD.

This new factory at Leyland, designed by P. G. Fairhurst, F.R.I.B.A., is the largest tank factory in Europe. Opened last Friday by the Minister of Supply, Mr. Duncan Sandys, the factory covers an area of over 100 acres; some 11,000 tons of steel were used in the main structure which is steel framed with a brick plinth and asbestos cement cladding. The office buildings have steel portal frames supporting a steel roof deck which is covered with three layers of Bituminous Hessian.

COLD STORE AT ACTON

The largest ice-cream cold store in the world has recently been put into operation at the Acton factory of T. Wall & Sons Ltd. The capacity of the cold store is nearly 1,000 tons yet due to the high degree of mechanization it requires a staff of only 20.

The cooling is by liquid ammonia in 25 miles of steel tube possessing a surface area of two acres. The minimum temperature varies between -15° and -47° F. After the completion of the building the temperature was gradually lowered over four weeks to prevent distortion and damage to the fabric.

The whole cold store has been mounted on a first floor r.c. slab supported on piers, this is to prevent freezing of the ground beneath the store which would result in movement taking place.

The internal floors of steel and the r.c. roof slab are carried on a steel framework which is entirely independent of the external walls.

An interesting feature of the cold store is the electrically heated metal plate between the air-lock doors and the surrounds; these are to prevent the formation of ice jamming the doors. Also worthy of note is the fact that the metal conveyor belts run dry without lubrication.

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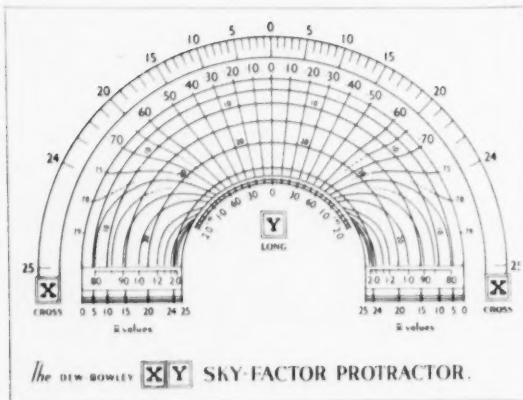




MOSAICS

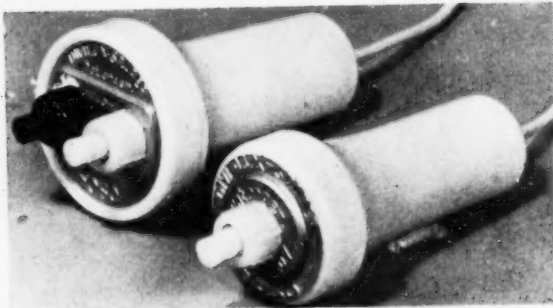
SERVICES SANITATION B4/17

A new range of taps conforming completely to B.S.S. 1010, made by Sanbra Ltd., Aston Hall Road, Birmingham, 6. The usual sizes are made as shown, for baths, lavatory basins and so on. A tall stem model is made, suitable for kitchen sinks and other places requiring more clearance. The finish is chromium plate.



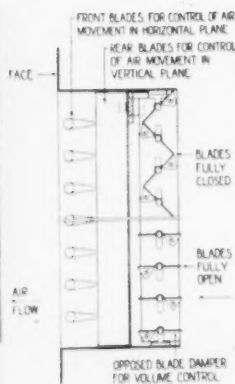
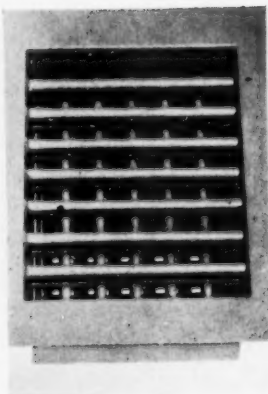
DRAWING OFFICE EQUIPMENT E12/13

What is claimed to be an entirely new method of computing sky factors has been developed to deal with industrial roof lighting problems: the 2 scale Dew-Bowley X-Y Factor Protractor. The two scales on the single protractor are used in the cross and long section respectively and cover all roof slopes from 0-90; these protractors, complete with working instructions, are available from Imperial Chemical Industries Ltd., Plastics Division, Black Fan Road, Welwyn Garden City, Herts.



SERVICES ELECTRICAL ACCESSORIES B5/32

Two switch dimmers trade name "Divilux," from Walter Logan & Co. Ltd., 26 Downing Court, Brunswick Square, London, W.C.1. One is for dimming a 25-W lamp by a fixed amount and the other a 40-W lamp, both being suitable for operation in circuits of up to 250 V A.C. In one a single switch is incorporated in parallel with the switch controlling the lamp. The other incorporates two switches, one dims and the other controls the lamp.



SERVICES VENTILATION B2/14

The Deflecto Grille, an air distribution device by Richard Crisall & Co. Ltd., 151 Great Portland Street, W.1. The primary advantage is that high velocities are permissible without undue noise, made possible by the aerofoil section of the horizontal and vertical blades. These are adjustable if the diffusion has to be controlled in direction. The total depth, including volume control, is 4in.

TIMBER NOTES

SOME hardening of softwood prices must be expected. Consumers have been buying softwood this year at rates based on the prices paid by the importers last autumn, the trade being content with small profits and selling below replacement values to obtain quick turnover to finance the heavy imports of this year. Buying for the whole of this year will probably exceed 1,400,000 standards, though consumption will account only for about 1,200,000 standards, or a little under.

Most of the softwood placed under contract last autumn has now found its way on to the market, and the timber now on offer has been bought at higher prices, generally based on £75 a standard f.o.b. To continue sales at the prices enjoyed so far by consumers generally would mean a loss, and some increase must be anticipated. Any freedom from licensing would also mean a sudden surge in demand which would be likely to send up prices a little.

Stocks for this winter will be higher than at any time since the war, so there can be no question of shortage, irrespective of the future of licences. Balance has also been restored to stocks, so that the customer will now get a selection comparable to pre-war days.

Government selling of softwood (almost entirely Canadian) is having some effect upon the market. The 20,000 standards of deteriorated stock from the Strategic Reserve have been sold to the trade, much of it at prices under £50 a standard. A new price list has been issued by the Timber Directorate for the sale of some 48,000 standards, being the balance of the old Emergency Stock still unsold. These prices have been based on a landed price at the storage yard of £65 a standard for Douglas fir merchantable No. 1 and 2, and £59 a standard for hemlock in the same grades. Sales have been good at these prices, and there may be reductions later to clear the stock.

The hardwood market is weak in price, being unsettled pending a decision on softwood licensing. Owing to reduced stocks and smaller buying the price for mahogany has recovered, but such species as obeche are dropping in value. Light hardwoods are especially weak. Though buying has been small, this has been matched by demand and the stocks remain comparatively high.

With plywood supplies, many of the popular specifications are still difficult to locate, but imports are now filling some of the gaps. However, the shortage of blockboard is now fairly general.

An increase in the import quota for building boards of 11 per cent will make little difference to the supply position, imported boards becoming increasingly scarce, while some of the home brands of hardboards and insulation board are also short, with delivery dates three months ahead being quoted. In these circumstances prices must remain firm for some months.

Notes below give basic data of contracts open under locality and authority which are in bold type. References indicate: (a) type of work, (b) address for application. Where no town is stated in the

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BOOTLE B.C. (a) (Scheme 27 (k)) 66 houses; (Scheme 27 (i)) 24 houses; Netherton Estate. (b) Borough Surveyor, Town Hall. (c) 2gns each contract. (e) Nov. 25.

***BRIGHTON B.C.** (a) (1) 29 houses on Site No. 4 at Hollingbury Estate, and (2) 29 houses and 12 garages at Hollingbury Estate. (b) Borough Engineer, 26-30, King's Road. (c) 1gn each contract. (e) Dec. 1.

BRIGHTON B.C. (a) Factory at Hollingbury Industrial Area. (b) D. J. Howe, 26-30, King's Road. (c) 3gns. (e) Nov. 24.

BRISTOL C.C. (a) Market hall and shops at West Street, Old Market. (b) City Architect, Council House, College Green 1. (c) 2gns, payable to Corporation. (d) Oct. 30.

BUCKINGHAMSHIRE C.C. (a) First part of a college of further education at Slough. (b) County Architect, County Offices, Aylesbury; with evidence of adequate organization, labour force, and experience, etc., in similar works. (d) Nov. 2. (e) Jan. 4.

BURNLEY B.C. (a) 2 3-storey blocks of 3 shops with dwellings over, New Palace Estate. (b) Borough Engineer, 22-24, Nicholas Street. (c) 2gns. (e) Nov. 13.

CARSHALTON AND MERTON AND MORDEN JOINT CEMETERY BOARD. (a) Chapel at the Cemetery, Lower Morden, Surrey. (b) Joint Clerks of the Board, Morden Hall, London, S.W.19. (c) 3gns. (d) Nov. 4. (e) Nov. 30.

CHESTER R.C. (a) 12 houses at Guilden Sutton, near Chester. (b) T. C. R. Eaton, 16, White Friars. (c) 3gns payable to Council. (e) Dec. 7.

CRANBROOK R.C. (a) 14 dwellings at Court Stile site. (b) Council's Architect, Council Offices, Hill Street. (c) 2gns cheque payable to Council. (e) Nov. 6.

CRAWLEY DEVELOPMENT CORPORATION. (a) 116 dwellings, Langley Green site No. 7B. (b) Chief Architect, Broadfield, Crawley. (d) Nov. 2.

CUCKFIELD R.C. (a) Contract No. 96. 34 dwellings at Handcross. (b) Engineer and Surveyor, Rural Council Offices, Boltro Road, Haywards Heath. (c) 2gns. (e) Nov. 23.

DARLINGTON B.C. (a) Primary school at Firth Moor. (b) Borough Architect, Central Buildings. (c) 2gns by cheque. (e) Nov. 23.

DOVER B.C. (a) Pair of houses, with site works, etc., Tower Street. (b) Borough Engineer, Brook House. (c) 2gns. (e) Nov. 9.

address it is the same as the locality given in the heading, (c) deposit, (d) last date for application, (e) last date and time for submission of tenders. Full details of contracts marked ★ are given in the advertisement section.

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DROXFORD. (a) Block of 6 garages, The Park, Droxford. (b) Engineer and Surveyor, Northbrook House, Bishop's Waltham. (c) Ign.

DURHAM C.C. (a) Children's longstay home, Peterlee. (b) County Architect, Court Lane. (c) Nov. 6.

GRANTHAM B.C. (a) 25 pairs of houses and 4 pairs of houses (Scheme 34). (b) Borough Surveyor, Guildhall. (c) 2gns. (e) Nov. 18.

GRAVESEND B.C. (a) Cemetery cottage at Hartshill Road, Northfleet. (b) Borough Engineer, 6, Woodville Terrace. (c) 2gns. (e) Nov. 11.

HENLEY-ON-THAMES B.C. (a) 30 houses in blocks of 6, 20 houses in pairs, a pair of bungalows and a block of 4, a 3-storey block of 18 flats, Abraham's site. (b) Eric G. V. Hives, 3, Cork Street, Reading. (c) 2gns. (e) Nov. 13.

HUNTINGDON R.C. (a) 2 pairs of bungalows, Abbots Ripton. (b) Messrs. Lea, Milner and Wardley, 4, Market Hill. (c) 2gns. (e) Dec. 2.

KENILWORTH U.C. (a) Pair of houses at School Lane. (b) Council's Surveyor, Council House. (c) Nov. 9.

LANCASHIRE C.C. (a) Forming of a playroom and general repairs to out-buildings at Massey Hall Special School, Thelwall, Warrington, and alterations to Sergeants' and Constables' quarters at Poulton-le-Fylde Police Station. (b) County Architect, County Hall, Preston. (d) Oct. 31.

LEEDS C.C. (a) Contract No. 556. 110 dwellings, Tinsill Area 2 Housing Estate. (b) City Architect, Priestley House, Quarry Hill 9. (c) £1. (e) Nov. 12.

LITTLEHAMPTON U.C. (a) Contract No. 11. 12, 18 or 30 houses in blocks of 6, Wickbourne Estate Extension. (b) Engineer and Surveyor, Council Offices. (c) 2gns. (e) Nov. 26.

LONDON—BRENTFORD AND CHISWICK B.C. (a) Partial construction of a warehouse at Brentford Market. (b) Messrs. Dodge and Reid, 72, High Street, Brentford. (c) 2gns. payable to Council. (e) Nov. 20.

LONDON—WANDSWORTH B.C. (a) 3-storey block of 12 flats at Armoury Way. (b) Town Clerk, Municipal Buildings, S.W.18, with details of experience, plant and technical and supervisory staff available, and names of two technical and financial referees. (d) Nov. 4.

LONDON—WANDSWORTH B.C. (a) 72 dwellings in 3 8-storey blocks, 22 dwellings in 2 4-storey blocks and 9 houses, Southmead site, Putney, S.W.15. (b) Town Clerk, Municipal Buildings, S.W.18, with details of experience, plant and technical and supervisory staff available, and names of two technical and financial referees. (d) Nov. 4.

MALDEN AND COOMBE B.C. (a) Pair of houses on Site No. 58, Acacia Grove; 2 pairs of houses and block of 4 flats on Site No. 59, Franks Avenue. (b) Borough Engineer, Municipal Offices, New Malden. (d) Nov. 2.

MIDDLESBROUGH B.C. (a) 82 houses, Park End site. (b) Borough Engineer, Town Hall. (c) 2gns. (e) Nov. 9.



Trial BORINGS


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NEWCASTLE REGIONAL HOSPITAL BOARD. (a) Extension of radiotherapy department, Cumberland Infirmary, Carlisle. (b) W. J. Ball, Clerk to Special Area Committee for Cumberland and North Westmorland, 1, Lonsdale Street, Carlisle. (d) Nov. 2.

N. IRELAND—BALLYMENA R.C. (a) Scheme No. 11, 12 houses, with site works, at Straid (Gracehill). (b) Messrs. Ogilby and McCutcheon, 5, Lombard Street, Belfast. (c) 5gns. (e) Nov. 7.

N. IRELAND—NORTHERN IRELAND TUBERCULOSIS AUTHORITY. (a) Operating theatre suite at Whiteabbey Hospital, Co. Antrim. (b) Messrs. Gibson and Taylor, 16, Donegall Square South, Belfast; on production of receipt for 5gns. (c) 5gns to William Harvey, Secretary, 27, Adelaide Street, Belfast. (e) Nov. 28.

NORTH EAST METROPOLITAN REGIONAL HOSPITAL BOARD. (a) Adaptations at "Warley Lodge." Little Warley, Brentwood. (b) Board's Secretary, 11a, Portland Place, London, W.1, immediately, with details of previous contracts carried out and names of 3 referees. (Approx. cost £17,000.)

RAWTENSTALL B.C. (a) 20 bungalows on 2 sites adjoining Bacup Road at Sandy Bank, Waterfoot. (b) Borough Engineer, Town Hall. (c) Nov. 17.

RINGWOOD AND FORDINGBRIDGE R.C. (a) (1) 2 pairs of bungalows; (2) 5 pairs of cottages; (3) 3 pairs of cottages; with outbuildings, drainage and site works, etc., Whitsbury Road, Fordingbridge. (b) Frank Andrews, 45, High Street, Ringwood. (c) 2gns cheque. (e) Nov. 30.

RINGWOOD AND FORDINGBRIDGE R.C. (a) Pair of houses, with drainage and site works, Rockbourne. (b) Frank Andrews, 45, High Street, Ringwood. (c) 2gns cheque. (e) Nov. 30.

SOUTHAMPTON B.C. (a) Civil defence sub-control centre in reinforced concrete, with drainage, etc., Bitterne. (b) Borough Engineer; Civic Centre; immediately. (c) 2gns.

SOUTH SHIELDS B.C. (a) 6 garages at Thornholme Avenue. (b) Borough Engineer, Town Hall. (c) 2gns. (e) Nov. 10.

STOCKPORT B.C. (a) Extension and alterations to York House Aged Persons' Home. (b) Borough Surveyor, Town Hall. (c) 5gns. (e) Nov. 9.

SWANSEA B.C. (a) Infants' school at Clase. (b) Borough Architect, Guildhall. (c) £5. (d) Nov. 7.

TUNBRIDGE WELLS B.C. (a) 4 shops and flats, Sherwood Estate. (b) Borough Surveyor, Town Hall. (c) 2gns.

WALLASEY B.C. (a) Police sub-station and two houses, Chadwick Street, Moreton. (b) Borough Architect, Wallasey. (c) Ign. (e) Nov. 11.

WALSINGHAM R.C. (a) 6 bungalows at Stiffkey. (b) F. M. Dewing, 40, Prince of Wales Road, Norwich. (c) 2gns. (e) Nov. 12.

WORTLEY U.C. (a) 14 bungalows and 16 bungalows, Algernon Road site, Bolton Road, Walkden. (b) Council's Clerk, Town Hall, Walkden, Manchester. (c) 2gns.

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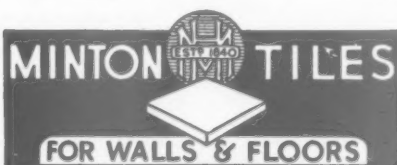
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BRADFORD CORPORATION. (1) 242 houses, 60 flats. (2) Delf Hill. (3) John Laing and Son, Ltd., Carlisle and London, N.W.7. (4) £485,510. (1) 295 dwellings. (2) Halifax Road. (3) Direct labour. (4) £419,698.

BIRKENHEAD CORPORATION. (1) 203 dwellings. (2) Woodchurch Estate. (3) Lloyd and Cross, Ltd., Argyle Street, Birkenhead. (4) £258,000.

ISLINGTON B.C. (1) 57 flats. (2) Whadcoat Street. (3) Wesley Builders, Ltd., 9, Wesley Avenue, London, N.W.10. (4) £103,371.

HYDE CORPORATION. (1) 192 dwellings. (2) Dukinfield Road estate. (3) Vessey Bros. (Contractors), Ltd., Marple, Stockport. (4) £298,391.

SOUTHWARK B.C. (1) 108 flats. (2) Goschen Street. (3) Wm. Willett, Ltd., Sloane Square, London, S.W.1. (4) £199,858.

LONDON COUNTY COUNCIL. (1) Extensions. (2) Putney County Secondary School, Mayfield. (3) C. Miskin and Sons, Ltd., Romeland, St. Albans. (4) £314,311. (1) Building work. (2) Education Playing Fields, Morden. (3) Flowitt and Co., Ltd., 168, Merton High Road, Wimbledon, S.W.19. (4) £79,145. (1) 42 flats. (2) Thornton Road, Wandsworth. (3) W. J. Marston and Son, Ltd., 1, Stephendale Road, London, S.W.6. (4) £94,580.

BRENTWOOD U.D.C. (1) 128 houses. (2) Bishop's Hall Estate. (3) Marden Ash Construction Co., Ltd., Blackmore, near Ingatestone, Essex.

RIPON B.C. (1) 121 houses. (2) Lead Lane. (3) Schofield (Builders), Ltd., St. Bedes, Hornsea, Yorks.

HARLOW, ESSEX. (1) First instalment of factory, for Johnson Matthey and Co., Ltd., 78, Hatton Garden, E.C.1. (3) W. and C. French, Ltd., Buckhurst Hill, Essex. (4) £233,150.

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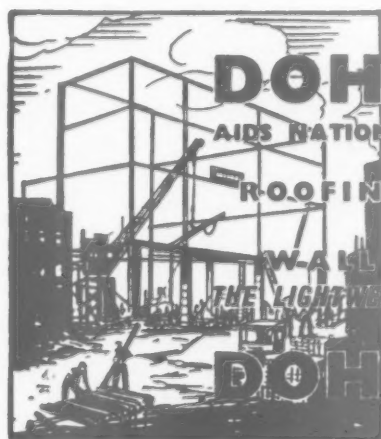
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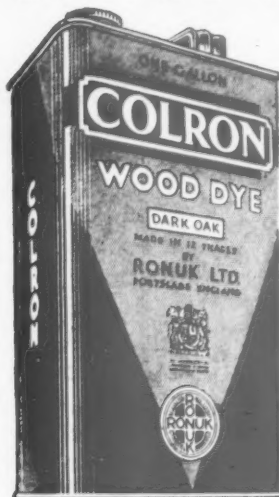
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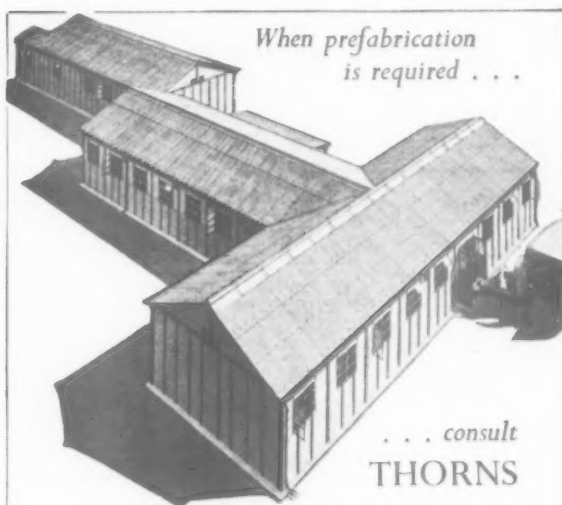


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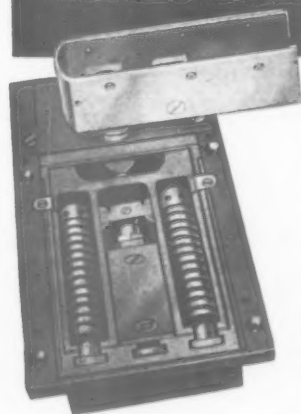
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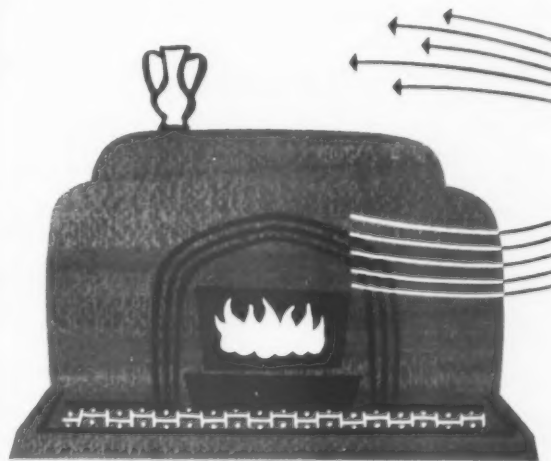
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APPOINTMENTS

The engagement of persons answering these advertisements must be made through the local office of the Ministry of Labour and National Service, etc., if the applicant is a man aged 18-64 or a woman aged 18-59 inclusive, unless he or she or the employer is exempted from the provisions of The Notification of Vacancies Order 1952.

BOROUGH OF WILLESSEN.

APPOINTMENT OF ARCHITECTURAL ASSISTANT. APT. VA.

Salary £655-£715 per annum including London Weighting.

APPLICATIONS are invited for the above appointment on the permanent staff of the Borough Engineer and Surveyor from suitably experienced persons who are Associates of the Royal Institution of British Architects or who hold an equivalent qualification.

The commencing salary will be fixed in accordance with the qualifications and experience of the successful candidate.

The Council is unable to assist with housing. Full details and form of application can be obtained from the Borough Engineer and Surveyor, Town Hall, Dyne Road, Kilburn, N.W.6, and should be returned to the undersigned not later than 9 a.m. on Monday, 9th November, 1953.

(sgd.) R. S. FORSTER,
Town Clerk.

Town Hall,
Dyne Road, Kilburn, N.W.6.
9.10.53.

[7385]

DENBIGHSHIRE COUNTY COUNCIL.

COUNTY ARCHITECT'S DEPARTMENT.

THE above County Council invites applications for the undermentioned appointment in the County Architect's Department, Wrexham, viz., ONE ASSISTANT QUANTITY SURVEYOR, A.P.T. Division, Grade V. Salary £595-£645 per annum.

Candidates must have passed the Intermediate Examination of the Royal Institution of Chartered Surveyors (Quantities Section), and have experience in "taking off" for all types of building works undertaken by a County Authority.

In addition, he should be familiar with, and will be required to undertake "working up" in all stages, measurement of works on site, interim certificates and final accounts.

The appointment is subject to (a) the National Conditions of Service for Local Government Administration, etc., Officers, (b) the Local Government Superannuation Act, 1937, (c) the passing of a medical examination, and (d) one calendar month's written notice on either side to expire at the end of a calendar month.

Applications, giving age, qualifications and particulars of present and previous appointments, and accompanied by copies of three recent testimonials, to be sent to the undersigned, by not later than the 6th day of November, 1953.

W. E. BUFTON,
Clerk of the County Council.
County Offices, Ruthin.

[7384]

CITY OF BIRMINGHAM EDUCATION COMMITTEE.

COLLEGE OF ART AND CRAFTS. Principal: Meredith W. Hawes, A.R.C.A., N.R.D. BIRMINGHAM SCHOOL OF ARCHITECTURE

Director of the School of Architecture:
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APPLICATIONS are invited for the appointment of a full-time lecturer in Architecture to begin duty on 1st January next or as soon after as possible.

Salary, in accordance with the Burnham Scale for Grade "B" Assistants in Establishments of Further Education, at present £490 by £25-£765 with additions for approved qualifications, training and professional experience. Breadth of vision, technical competence and enthusiasm are of the greatest importance.

Forms of application may be obtained from the Principal, College of Art and Crafts, Margaret Street, Birmingham, 3, on receipt of a stamped addressed foolscap envelope and must be returned not later than ten days after the appearance of this advertisement.

E. L. RUSSELL,
Chief Education Officer.

[7399]

APPOINTMENTS—contd.

MINISTRY OF WORKS.

VACANCIES exist in London in the Chief Architect's Division for ARCHITECTURAL ASSISTANTS with recognised training and fair experience. Employment will be on a wide variety of Public Buildings including Atomic Energy and other Research Establishments, Telephone Exchanges and Housing.

Salary: Up to £628 per annum. Starting pay according to age, qualifications and experience. Although not established posts, many have long-term possibilities and competitions are held periodically to fill established vacancies. Reasonable prospects of promotion to Leading and Senior Architectural Assistant.

State age, nationality, full details of training and experience to Chief Architect, W.G.10/C.A.3(H), Ministry of Works, Abell House, John Islip Street, London, S.W.1.

[7371]

BOROUGH OF HORNSEY.

TEMPORARY ARCHITECTURAL ASSISTANT required for Borough Engineer and Surveyor's Department, A.P.T.V. (£625-£675 including London Weighting). Commencing salary according to experience.

Further particulars from Borough Engineer and Surveyor, Town Hall, Crouch End, N.8, to whom applications are to be returned by 12th November, 1953.

H. BEDALE,
Town Clerk.

[7403]

DERBY CORPORATION.

BOROUGH ARCHITECT'S DEPARTMENT.

ASSISTANT ARCHITECT, Grade VI. Salary £670 to £735 per annum, commencing at £670 and national conditions of service.

Qualifications: Must be Associate R.I.B.A. Permanent staff appointment, subject to one month's notice and pensionable subject to medical examination.

Form of application obtainable from and to be returned to the Borough Architect, The Council House, not later than 16th November, 1953. Canvassing disqualifies.

E. H. NICHOLS,
Town Clerk.

[7402]

COUNTY COUNCIL OF HUNTINGDON.

APPOINTMENT OF DEPUTY COUNTY ARCHITECT.

APPLICATIONS are invited for the appointment of DEPUTY COUNTY ARCHITECT at a salary of £950 x 50 (3) to £1,100 per annum, subject to satisfactory service. There will be travelling allowance on the Council's approved scale.

Candidates must have passed the Associate Membership examination and be Corporate Members of the Royal Institute of British Architects.

The person appointed will be required to have had considerable experience in the design, construction and maintenance of County Buildings including Schools, Police, and Public Health properties, together with administrative duties.

The position will be subject to the terms of the Local Government Superannuation Act, 1937 (as amended by the Act of 1953), and the person appointed will be required to pass a medical examination.

The appointment will be terminable by three calendar month's notice in writing on either side.

Applications giving the names of three referees and stating age, present position and salary, technical qualifications and examinations and details of experience, are required to be submitted so as to reach the undersigned by not later than first post on Monday, 16th November, 1953.

Canvassing in any form will be prejudicial to the applicant.

JOHN KELLY,
Clerk of the County Council.
County Buildings,
Huntingdon.

[7404]

APPOINTMENTS—contd.

LANCASHIRE COUNTY COUNCIL.

COUNTY ARCHITECT'S DEPARTMENT.

APPLICATIONS are invited for the following appointments on the permanent staff:

- (a) ASSISTANT LAND SURVEYORS, A.P.T. Grade V, £595-£645.
- (b) SENIOR ASSISTANT QUANTITY SURVEYOR, A.P.T. Grade VII, £710-£785.

Application forms, to be returned by November 21st, 1953, obtainable from the County Architect, County Hall, Preston.

[7401]

CONTRACTS

COUNTY BOROUGH OF BRIGHTON.

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Tenders are to be delivered to the Town Clerk in plain, sealed envelopes by 12 noon on Tuesday, 1st December, 1953.

W. O. DODD,
Town Clerk.

[7393]

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[7396]

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LIVERPOOL. Architectural Assistant required. Salary in region of £500 according to ability. Full details to G. de C. Fraser, Son & Gearey, Chartered Architects, 27, Dale Street, Liverpool.

[7405]

ARCHITECTURAL APPOINTMENTS VACANT—contd.

FULLY qualified **ARCHITECTURAL ASSISTANT** required immediately for work on interesting contemporary project. Full details to Robert Potter, F.R.I.B.A., 21, The Close, Salisbury, Wiltshire. [7395]

ARCHITECTURAL DRAUGHTSMAN, aged 20-30, required in S.W. London Contractors' Office. Experience of housing and estate layouts an advantage, must be neat, fast and accurate. Write giving details, age, salary required to Box 1444. [7400]

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The engagement of persons answering these advertisements must be made through the local office of the Ministry of Labour and National Service, etc., if the applicant is a man aged 18-64 or a woman aged 18-59 inclusive, unless he or she or the employer is exempted from the provisions of The Notification of Vacancies Order 1952.

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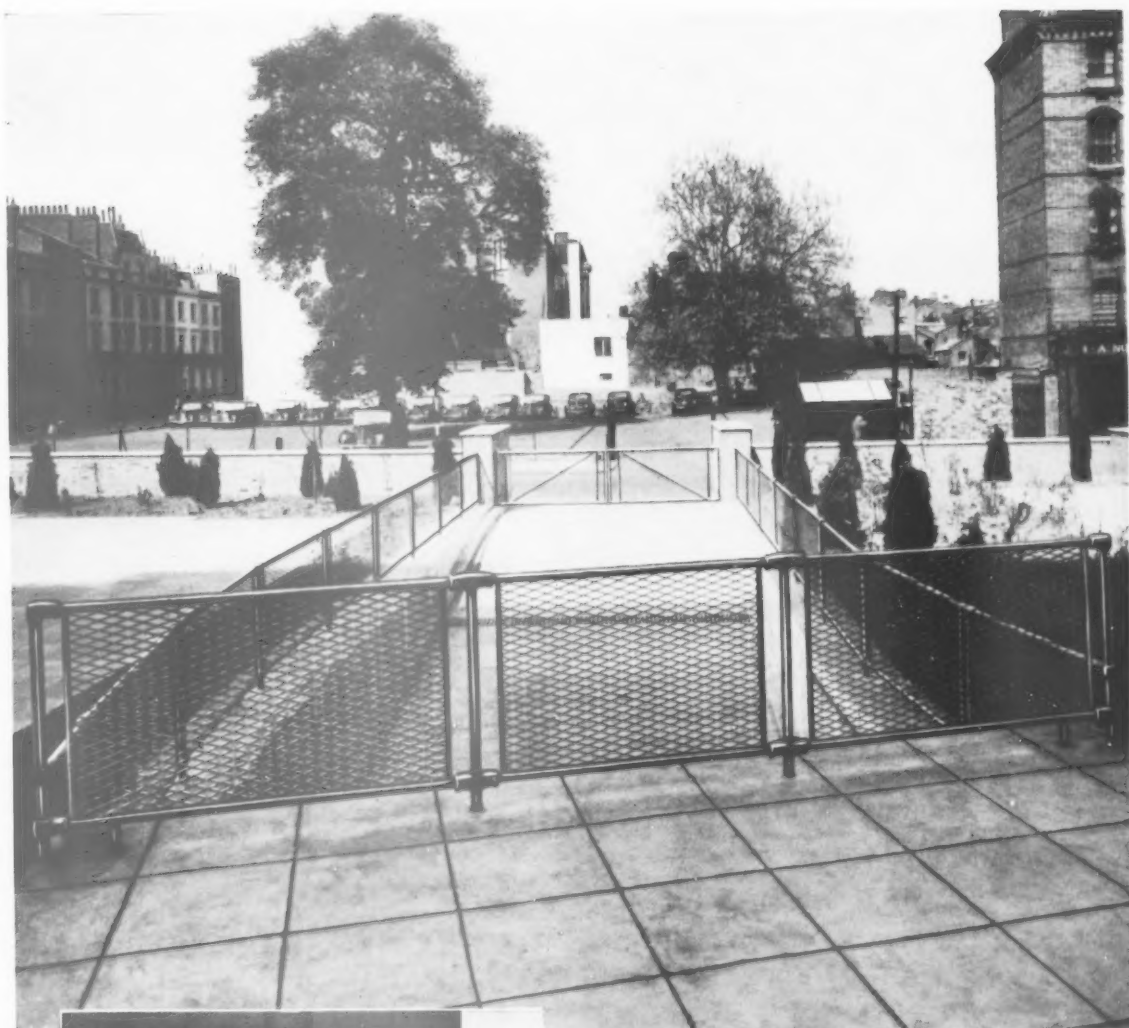
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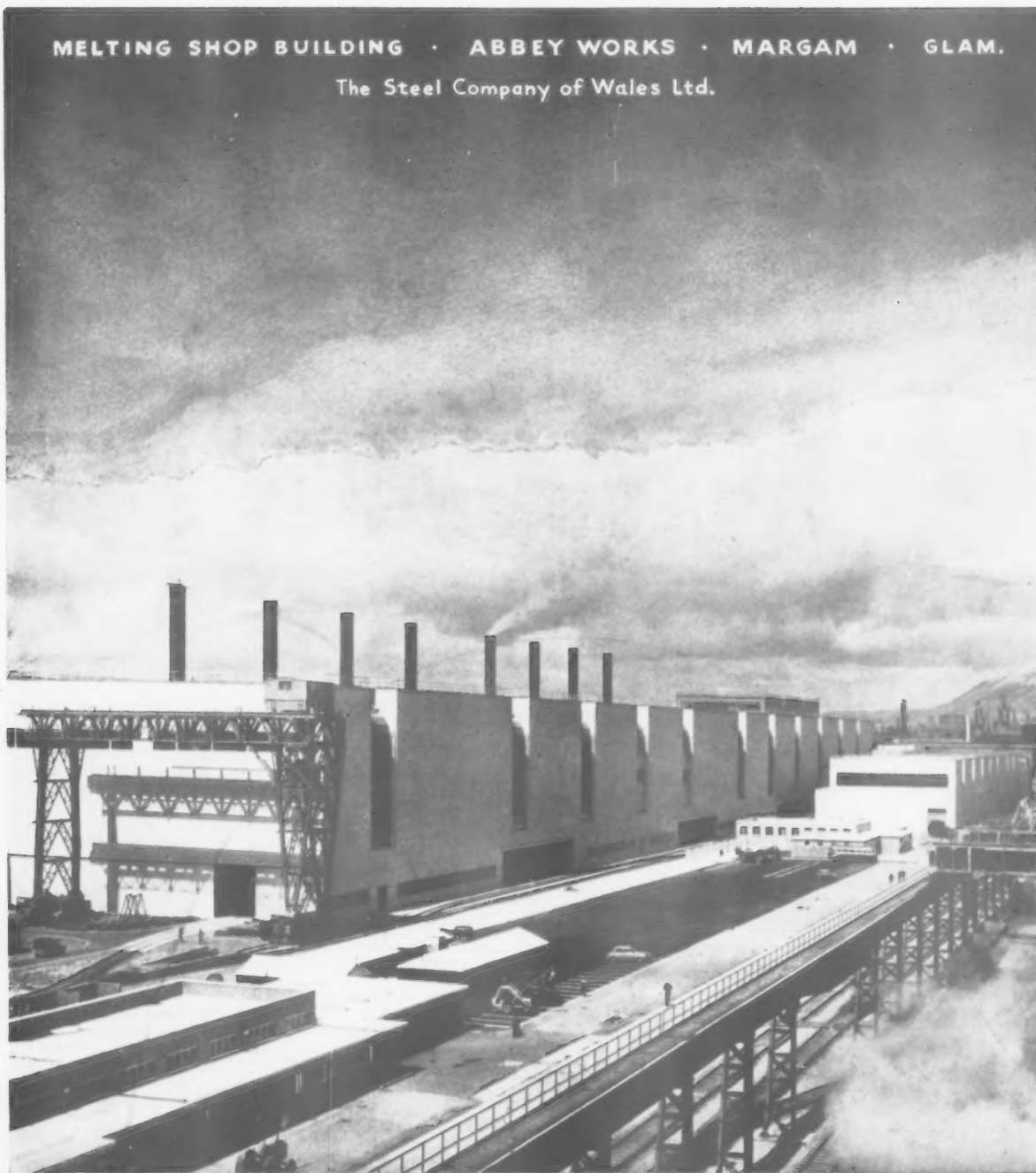
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